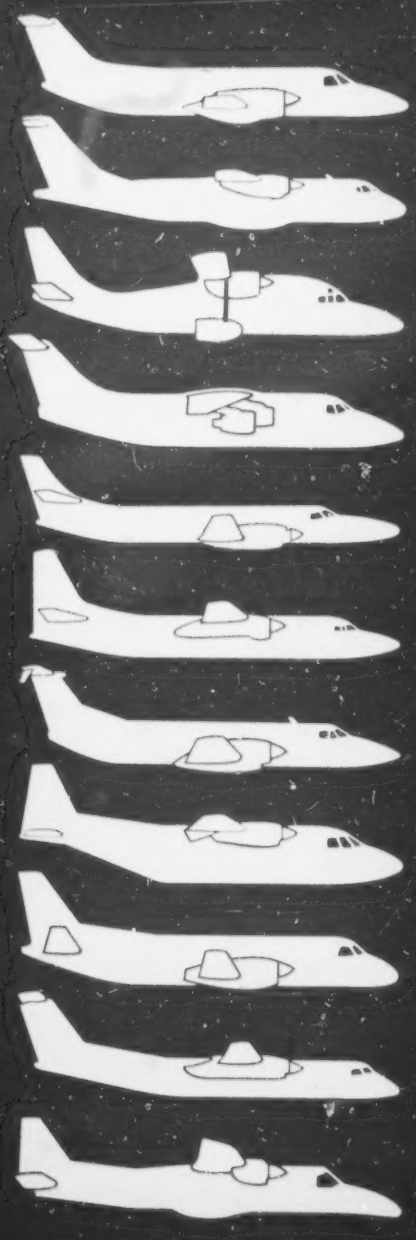
RAA

1990 Annual Report of the Regional Airline Association



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1990 Annual Report

Regional Airline Association

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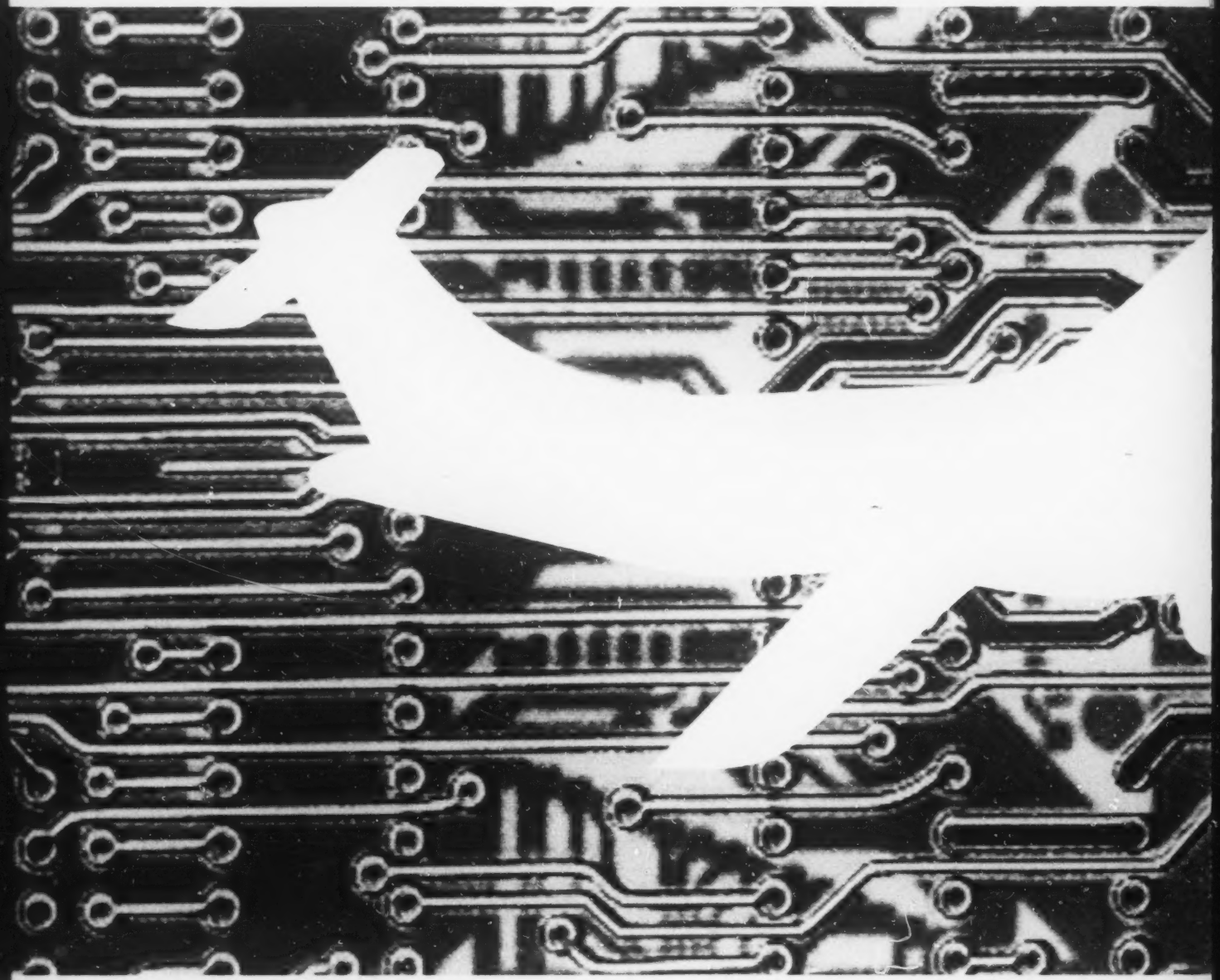

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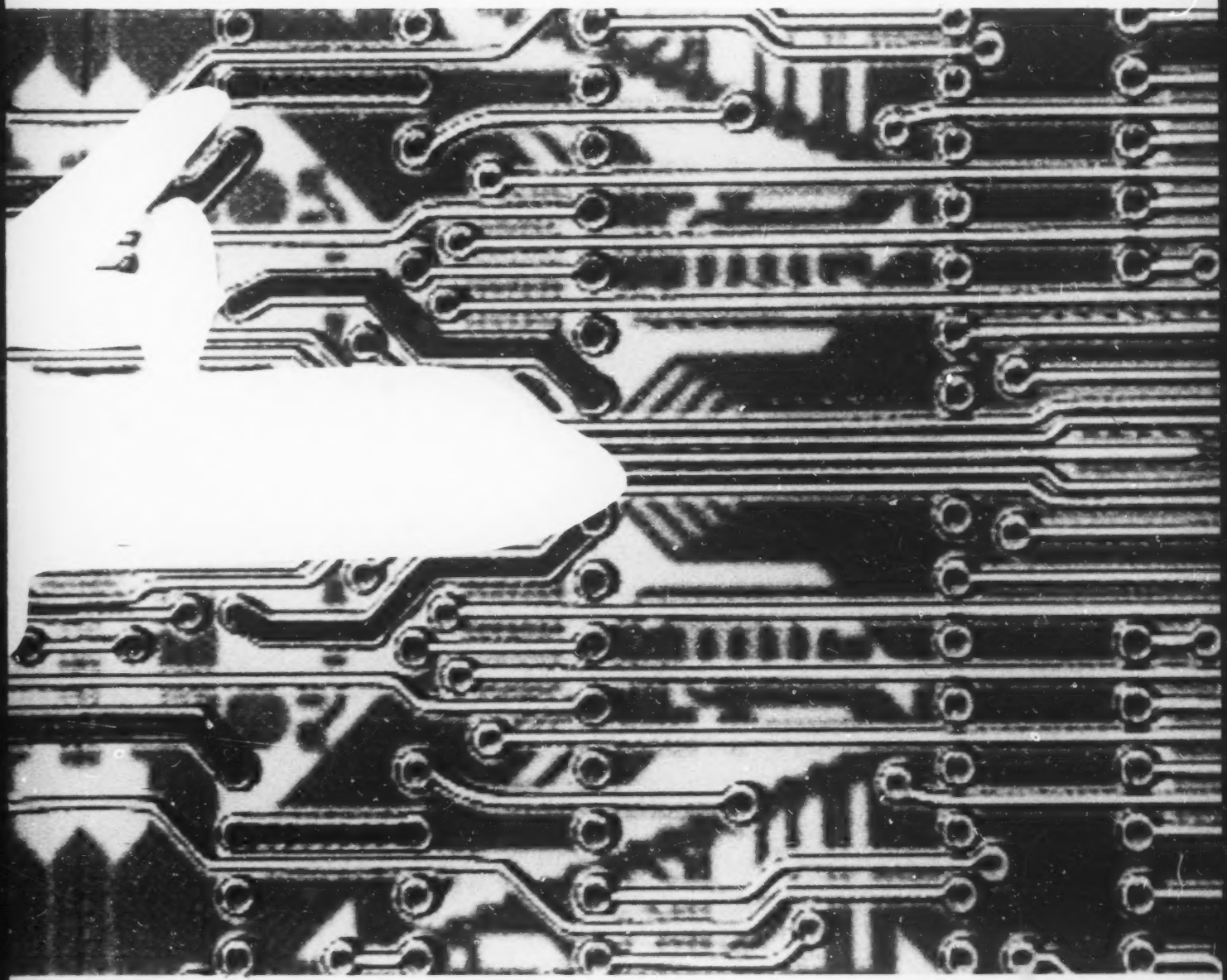

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ATR

L S Y S T E M

Report from the Chairman

Larry Risley
Mesa Airlines

As Chairman of the Regional Airline Association Board of Directors, I am pleased to report that 1989 was another very successful year for the association. RAA continues to provide essential representation on the vital issues affecting the regional airline industry.

RAA took a leading role in tackling the issue of aging aircraft, joining with the manufacturers in conducting the first ever International Conference on Aging Commuter Aircraft. This meeting provided an information exchange among the operators, manufacturers and worldwide regulators of airplanes used by the industry. The Federal Aviation Administration is using the conference results as a basis for the development of a program for the inspection of aging commuter aircraft. RAA's actions will help ensure the safety and continued economic viability of older commuter aircraft.

The association was successful in its challenge of the Massachusetts Port Authority's PACE landing fee scheme. In a unanimous decision, the United States Court of Appeals for the First Circuit ruled that the discriminatory fee scheme was illegal. The decision affirms the previous decision of the Secretary of Transportation and represents a total victory for RAA, the Boston area regional airlines and the industry in general. RAA's efforts firmly reinforced the principle that only the federal government, not local authorities, may regulate airline routes and rates.

The RAA Anti-Drug Consortiums represent an entirely new area of services provided to both airline and associate members. The association now provides a program that offers all of the required services necessary to comply with the Department of Transportation and FAA Drug Testing regulations. Using internationally recognized experts in the fields of diagnostic testing and toxicology, RAA has been successful in relieving many of the administrative burdens of these complicated regulations.

The Spring and Fall Meetings were well attended by both airline and associate members. In addition, RAA conducted a wide variety of workshops to educate and train industry personnel, including sessions on airline operations and maintenance, human resources, drug testing, and inflight management.

Active member participation remains the key to maximizing the effectiveness of the Washington staff. The continued support of all of RAA's valued members will ensure that we meet the challenges of the 90's with a strong and focused voice in the nation's capital.

Larry Risley

1989 Year at a Glance

1989 Year at a Glance

The U.S. regional airline industry continued its 3 year consolidation trend, as the number of carriers providing scheduled passenger service fell from 163 in 1988 to 151 in 1989. The industry remains healthy and vigorously competitive, with substantial growth occurring in both passenger enplanements and revenue passenger miles. Passenger enplanements gained more than 6 percent, rising to 37.4 million in 1989. Revenue passenger miles increased to 6.77 billion in 1989 from 6.04 billion in 1988.

Code sharing continued to be an important part of regional airline business. In 1989, 43 of the top 50 carriers used the two letter designator code of a larger airline to list their flights. In total, there were 54 code sharing agreements between regional and national or major airlines during 1989. These relationships vary from outright ownership by the major/national carrier (17 airlines); to partial ownership by the major (4 airlines); to pure marketing alliances devoid of ownership by the major airlines (33 airlines).

The industry continued to add new, more sophisticated aircraft to the fleet, retiring older piston powered aircraft. The total number of aircraft in scheduled regional airline service rose by almost 6 percent, to 1,907 airplanes in 1989. The average seating capacity of regional airplanes increased to 21.8 seats from 20.5 in 1988. Fleet flying hours increased by 6 percent in 1989, with the average annual utilization, per aircraft, rising to 1,712 hours.

Regional airlines serve the vast majority of North American airports receiving scheduled airline service. Airports served by the industry totaled 817 in 1989, with 68 percent of these cities depending exclusively on regional airlines for air transportation. By contrast, major airlines served just 32 percent, or 275 airports. The average trip length increased to 181 miles.

The safe transportation of passengers is the paramount concern for all regional airlines. The industry continued to improve its impressive safety record, with total accidents (per 100,000 departures) for both Part 121 and Part 135 operations decreasing by 16 percent. Part 121 regional carriers posted their sixth consecutive year with no fatalities.

Industry Traffic Statistics 1989 Calendar Year

Passenger Operations	1979	1980	1981	1982	1983	1984	1985 1/	1986	1987	1988 2/	1989	Percent Change
Passengers Enplaned (Millions)	14.0	14.8	15.4	18.6	21.8	26.1	26.0	28.4	31.7	35.2	37.4	6.3
Revenue Passenger Miles (Billions)	1.72	1.92	2.09	2.61	3.24	4.17	4.41*	4.47	5.00	6.04	6.77	12.1
Airports Served	746	732	766	817	854	853	854	824	834	861	817	(5.1)
Aircraft Operated	1,265	1,339	1,463	1,573	1,545	1,747	1,745	1,806	1,841	1,801	1,907	5.9
Fleet Flying Hours (Thousands)	1,390	1,740	1,994	2,160	2,415	2,764	2,854	2,929	2,942	3,078	3,266	6.1

Notes: 1/ Adjusted to exclude Empire Airlines traffic, merged into Piedmont during 1986, to provide meaningful year-over-year comparison.
2/ Inclusive of Presidential Airways; 1987 figures include Colgan Airways only.
Data inclusive of carriers which may have operated during only part of calendar year 1989.

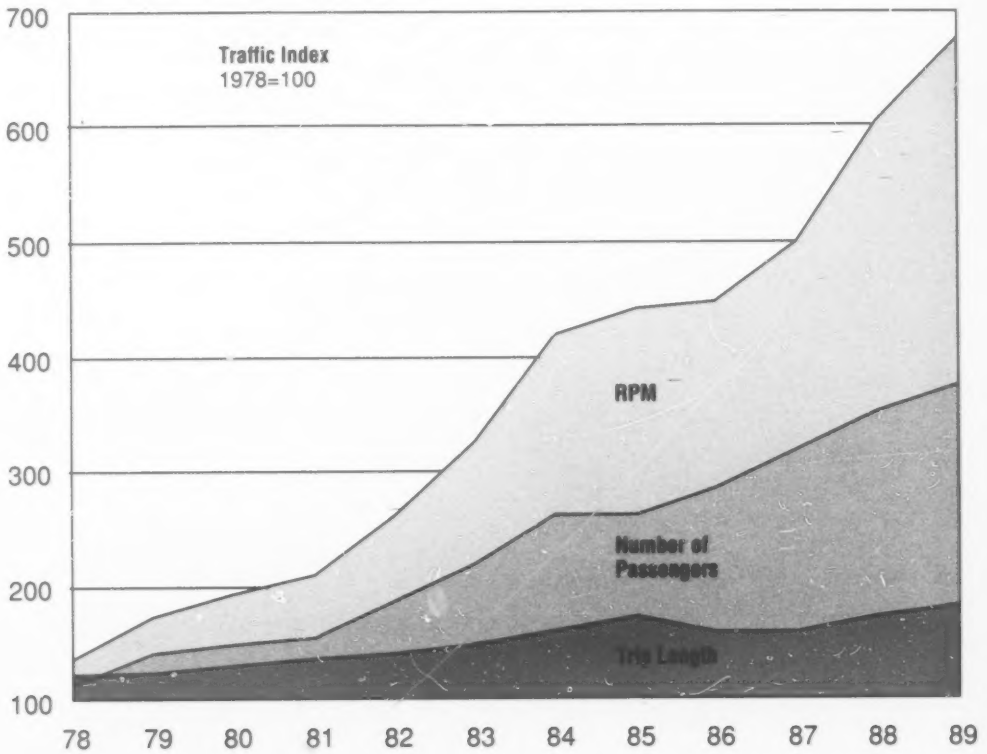
Source: Regional Airline Association Annual Survey-1989 And AvStat Associates.

Traffic Statistics

RPM's
1978 - 1.36 billion
1989 - 6.77 billion

Passengers
1978 - 11.3 million
1989 - 37.4 million

Trip Length
1978 - 121 miles
1989 - 181 miles

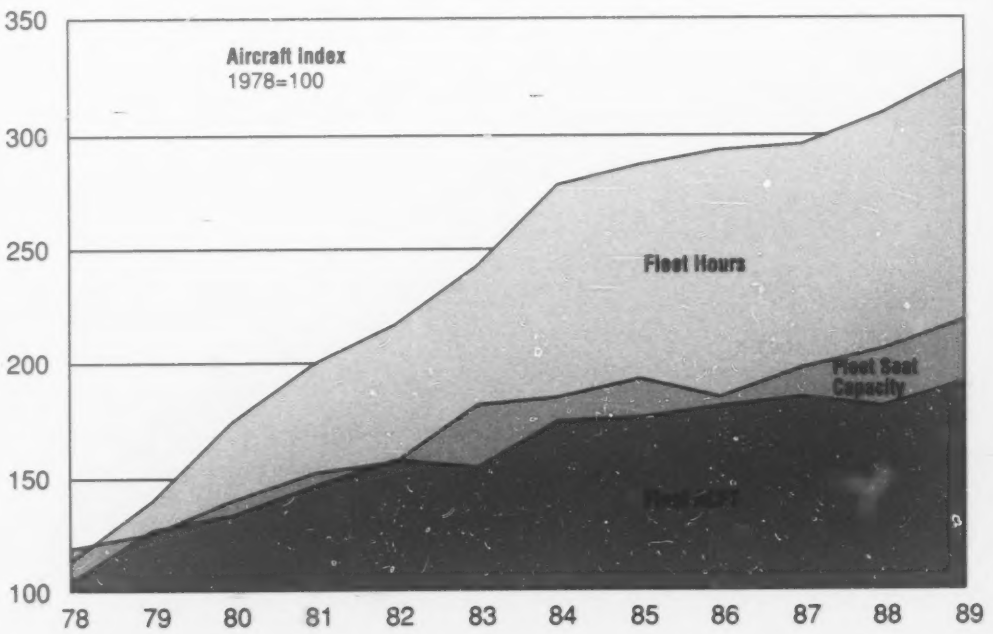


Aircraft Fleet

Seat Capacity
1978 - 11.9
1989 - 21.8

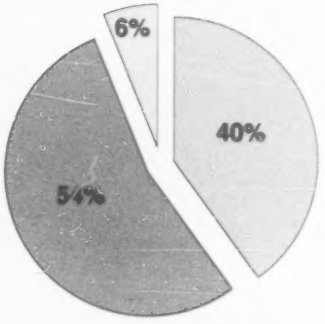
Fleet Hours
1978 - 1,131
1989 - 3,266

Fleet ACFT
1978 - 1,047
1989 - 1,907



1989 Year at a Glance

Top 50 Regional Airline Companies in 1989



Passenger Enplanements

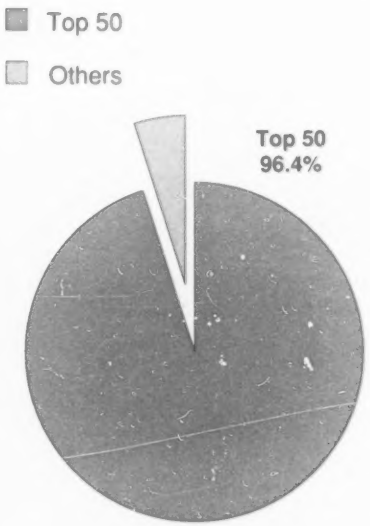
- Regional airlines wholly owned by a major/national airline
- Other Code sharing regional airlines
- Independent regional airlines

1989 Rank Individual Carrier	1989 Rank Carrier Group	Carrier Group/ Individual Carrier and Codes Shared (1989) 1/	1989 Passengers Individual Carrier	1989 Passengers Carrier Group
	1	AMR Eagle (AA*)		4,631,784
5		Simmons Airlines	1,689,909	
13		Wings West Airlines	964,995	
21		Executive Air Charter	715,602	
24		Nashville Eagle	645,611	
25		Command Airways	615,667	
	2	USAir Group (US*)		3,939,438
3		Henson Aviation	1,852,530	
19		Jetstream Int'l Airlines	793,738	
23		Pennsylvania Commuter	682,637	
27		Allegheny Commuter	610,533	
	3	Metro Airlines		2,690,805
16		Metroflight (AA*)	824,828	
28		Chaparral Airlines (AA*)	580,034	
31		Metro Airlines N.E. (TW*)	527,514	
34		Eastern Metro Express (EA*)	402,641	
36		Aviation Associates (EA*)	355,788	
	4	Texas Air Corp. (CO*/EA*)		2,582,652
9		Bar Harbor Airlines (CO*/EA*)	1,097,145	
18		Rocky Mountain Airways (CO*)	794,120	
22		Britt Airways (CO*)	691,387	
	5	WestAir Holding (UA*)		2,357,366
4		WestAir Airlines	1,824,246	
30		NPA	533,120	
1	6	Air Wisconsin (UA*)	2,194,975	
2	7	Atlantic Southeast (DL*)	2,001,217	
6	8	Horizon Air (AS*/NW*)	1,587,148	
7	9	Comair (DL*)	1,495,899	
8	10	Pan Am Express (PA*)	1,214,762	
10	11	Business Express (DL*)	1,009,018	
11	12	SkyWest Airlines (DL*)	1,000,865	
12	13	Express Airlines, I (NW*)	999,974	
14	14	CCAir (US*)	932,777	
15	15	Air Midwest (TW*)	910,947	
17	16	Aspen Airways (UA*)	798,287	
20	17	Mesaba Aviation (NW*)	757,956	
26	18	Presidential Airways (UA*) 2/	613,958	
29	19	Midway Commuter Airlines (ML*)	548,962	
32	20	Trans States Airlines (TW*)	491,580	
33	21	Chautauqua Airlines (US*)	440,840	
35	22	Mesa Airlines (YX*)	397,556	
37	23	Crown Airways (US*)	313,553	
38	24	Scenic Airlines	289,718	
39	25	Aloha Islandair (AQ*)	280,999	
40	26	Northeast Express Airlines (NW*)		221,229
		Precision Airlines	197,032	
		Northeast Express Airlines	24,267	
41	27	ERA Aviation (AS*)	216,105	
42	28	Paradise Island Airways	196,927	
43	29	V.I. Seaplane Shuttle (TW*) 2/	138,281	
44	30	Aero Coach Aviation	130,048	
45	31	StatesWest Airlines	109,739	
46	32	Vieques Air Link	107,720	
47	33	Air Molokai 2/	101,723	
48	34	Pocono Airlines (TW*) 2/	100,828	
49	35	Big Sky Transportation (NW*)	100,098	
50	36	Nantucket Airlines	96,904	
		Total Enplanements - Top 50 Airlines	36,362,706	98.4%
		Total Industry Enplanements	37,299,695	
		Total Regional Passenger Miles Top 50 Airlines (000's)	6,530,893	98.5%
		Total Industry Regional Passenger Miles (000's)	6,776,953	

Notes: 1/ Carrier groups shown include only wholly owned regional subsidiaries.
2/ Carrier has either ceased operations or filed for Chapter 11

Source: *Regional Airline Association and AvStat Associates.*

Top 50 Individual Regional Airlines in 1989



Total passengers
37,359,656

The Top 100 Regional Airlines carried 99% of all Regional Airline passengers in 1989. The Top 50 alone accounted for 96.4% of the Total.

1989 Rank	Carrier	Codes Shared (1989)	1989 Passengers
1	Air Wisconsin	UA	2,194,975
2	Atlantic Southeast Airlines	DL	2,001,217
3	Henson Aviation	US	1,852,530
4	WestAir Airlines	UA	1,824,246
5	Simmons Airlines	AA	1,689,909
6	Horizon Air Industries	AS/NW	1,587,148
7	Comair	DL	1,495,899
8	Pan Am Express	PA	1,214,762
9	Bar Harbor Airlines	CO/EA	1,097,145
10	Business Express	DL	1,003,[illegible]8
11	SkyWest Airlines	DL	1,000,865
12	Express Airlines, I	NW	999,974
13	Wings West Airlines	AA	964,995
14	CCAir	US	932,777
15	Air Midwest	TW	910,947
16	Metroflight	AA	824,828
17	Aspen Airways	UA	798,287
18	Rocky Mountain Airways	CO	794,120
19	Jetstream Int'l Airlines	US	793,738
20	Mesaba Aviation	NW	757,956
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23	Pennsylvania Commuter Airlines	US	682,637
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27	Allegheny Commuter	US	610,533
28	Chaparral Airlines	AA	580,034
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32	Trans States Airlines	TW	491,580
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35	Mesa Airlines	YX	397,556
36	Aviation Associates	EA	355,788
37	Crown Airways	US	313,553
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39	Aloha Islandair	AQ	280,999
40	Northeast Express Airlines	NW	221,299
41	ERA Aviation	AS	216,105
42	Paradise Island Airways		196,927
43	V.I. Seaplane Shuttle	TW 1/	138,281
44	Aero Coach Aviation		130,048
45	StatesWest Airlines		109,739
46	Vieques Air Link		107,720
47	Air Molokai	1/	101,723
48	Pocono Airlines	TW 1/	100,828
49	Big Sky Transportation	NW	100,098
50	Nantucket Airlines		96,904
	Total Enplanements - Top 50 Airlines		36,002,786 96.4%
	Total Industry Enplanements		37,359,656
	Total Revenue Passenger Miles Top 50 Airlines (000's)		8,530,583 96.5%
	Total Industry Revenue Passenger Miles (000's)		8,778,583

Note: 1/ Carrier has either ceased operations or filed for Chapter 11.

Source: *Regional Airline Association and AvStat Associates.*

1989 Year at a Glance

Regional Airline Code-sharing Partnerships as of 1 April 1990

Airline	Partner(s)	Hub(s)
Alaska Airlines	Horizon Air Industries*	PDX/SEA
	Bering Air	OME
	ERA Aviation	ANC
	L.A.B. Flying Service	JNU
	Temsco Airlines	KTN
Aloha Airlines	Aloha Islandair*	HNL
American Airlines	Chaparral Airlines	DFW
	Command Airways*	NYC
	Executive Air Charter*	SJU
	Metro Airlines	DFW
	Metroflight Airlines	DFW
	Nashville Eagle*	BNA/MIA/RDU
	Simmons Airlines*	ORD
	Wings West Airlines*	LAX/SJC
British Airways	Enterprise Airlines	JFK
Continental Airlines	Bar Harbor Airlines*	BOS/EWR
	Britt Airways*	CLE/IAH
	Rocky Mountain Airways*	DEN
	Southern Jersey Airways	EWR
Delta Air Lines	Atlantic Southeast Airlines	ATL
	Business Express	BOS/LGA
	Comair	CVG/ORL
	SkyWest Airlines	LAX/SLC
Eastern Air Lines	Aviation Associates	SJU
	Bar Harbor Airlines	BOS/EWR/MIA
	Eastern Metro Express	ATL
Markair	Markair Express*	BET/DLG/KSM
Midway Airlines	Midway Commuter*	MDW
Midwest Express	Skyway/Mesa Airlines	MKE
Northwest Airlines	Big Sky Airlines	BIL/GEG
	Express Airlines I	MEM/MKE/MSP
	Horizon Air Industries	SEA
	Mesaba Aviation	DTW/MKE/MSP
	Northeast Express	BOS
	Precision Airlines	BOS/NYC
Pan American	Pan Am Express*	BER/JFK/MIA
Trans World Airlines	Air Midwest	STL
	Metro Northeast	BOS/NYC/WAS
	Jet Express	NYC/WAS
	Trans States Airlines	STL
United Airlines	Air Wisconsin	IAD/ORD
	Aspen Airways	DEN
	Atlantic Coast Airlines	IAD
	Mesa Airlines	DEN
	NPA	PDX/SEA
	WestAir Airlines	LAX/SFO
USAir	Allegheny Commuter Airlines*	PHL/PIT
	CCAir	CLT
	Chautauqua Airlines	PIT
	Commutair	BOS/NYC/SYR
	Crown Airways	PIT
	Henson Airlines*	BWI/CLT
	Jetstream Int'l Airlines*	BWI/DAY
	Pennsylvania Commuter Airlines*	PHL/PIT

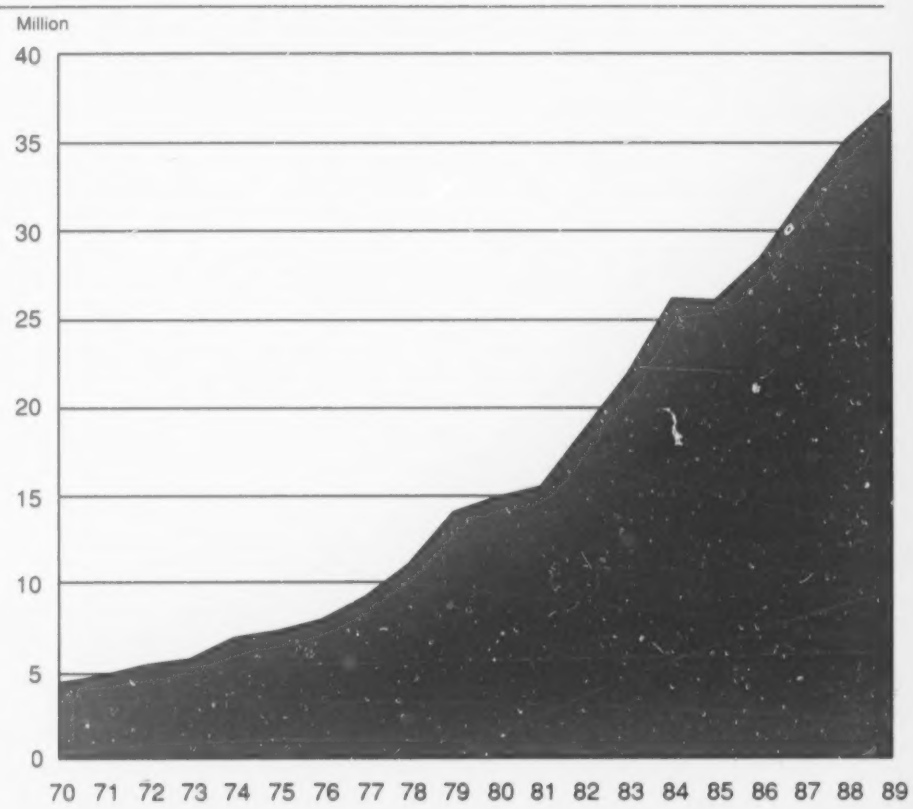
Notes: * - Controlling interest has been acquired by Major carrier.

Source: *Regional Airline Association and AvStat Associates.*

Regional Passenger Traffic, 1970-1989

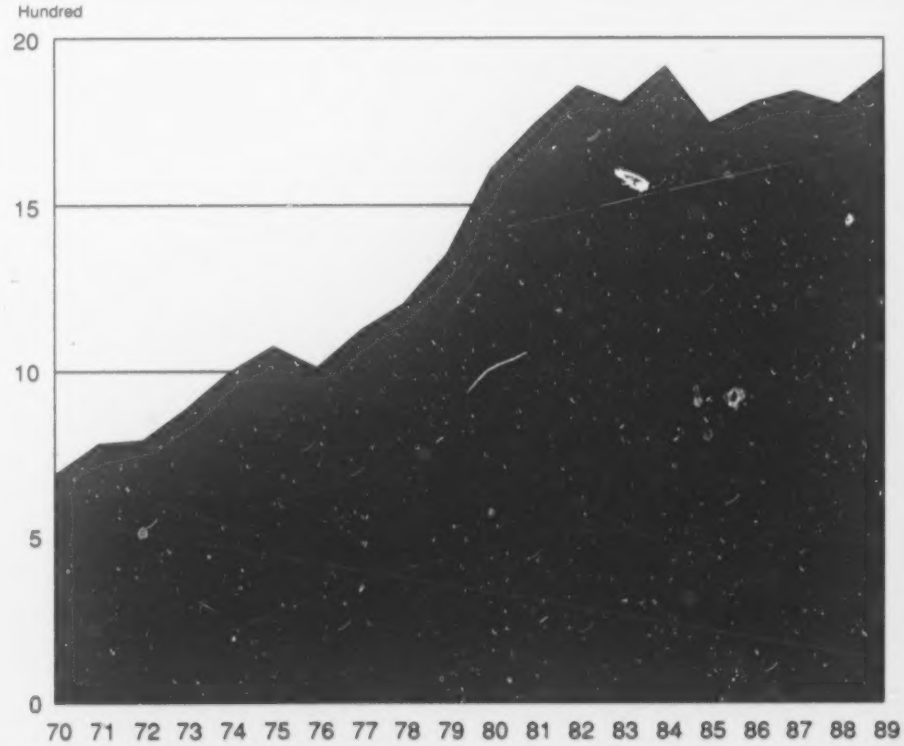
Year	Passengers Enplaned
1970	4,270,000
1971	4,698,000
1972	5,262,000
1973	5,688,000
1974	6,842,000
1975	7,243,000
1976	7,914,000
1977	9,185,000
1978	11,026,000
1979	13,972,000
1980	14,810,000
1981	15,400,000
1982	18,550,000
1983	21,820,000
1984	26,140,000
1985	26,000,000
1986	28,360,000
1987	31,787,539
1988	35,188,223
1989	37,359,656

Source: *Regional Airline Association and AvStat Associates*



Passenger Aircraft Operated, 1970-1989

Year	Aircraft In Service	% Annual Change
1970	687	-
1971	782	14%
1972	791	1%
1973	885	12%
1974	997	13%
1975	1073	8%
1976	1009	-6%
1977	1119	11%
1978	1947	-6%
1979	1265	21%
1980	1339	6%
1981	1463	8%
1982	1573	8%
1983	1545	-2%
1984	1747	13%
1985	1745	-
1986	1806	3%
1987	1841	2%
1988	1801	-2%
1989	1907	6%



Source: *CAB Commuter Air Carrier Traffic Statistics 1970-1979; RAA Annual Survey 1980-89.*

1989 Year at a Glance

Regional Airline Safety Statistics 1983-1989

Source: Derived from NTSB statistics
Note: These figures include both scheduled Part 135 and Part 121 operations

Year	Total Accidents	Fatal Accidents	Departures (millions)	Total Accidents (per 100,000 departures)	Fatal Accidents (per 100,000 departures)
1983	18	3	2.87	0.63	0.11
1984	22	7	3.22	0.68	0.22
1985	21	7	3.08	0.68	0.23
1986	16	2	3.10	0.52	0.06
1987	34	10	3.20	.06	0.31
1988	23	2	3.84	0.62	0.05
1989	23	5	4.46	0.52	0.11

Scheduled Part 121 Regional Airline Safety Statistics 1983-1989

Source: Derived from NTSB statistics

Year	Rates/100,000 Departures Total Accidents	Fatal Accidents
1983	0.19	0.19
1984	0.00	0.00
1985	0.00	0.00
1986	0.13	0.00
1987	0.27	0.00
1988	0.32	0.00
1989	0.32	0.00

Scheduled Part 135 Safety Statistics 1976-1989

Source: Derived from NTSB statistics

Year	Rates/100,000 Departures Total Accidents	Fatal Accidents
1976	2.28	0.59
1977	2.53	0.52
1978	3.06	0.70
1979	2.76	0.80
1980	2.14	0.45
1981	1.69	0.49
1982	1.28	0.25
1983	0.73	0.09
1984	0.82	0.26
1985	0.82	0.27
1986	0.55	0.07
1987	1.24	0.35
1988	0.65	0.07
1989	0.62	0.17

WHILE YOU'RE DECIDING WHOSE TCAS TO BUY, REMEMBER THERE'S STRENGTH IN NUMBERS.

Collins Traffic Alert and Collision Avoidance System (TCAS) has been selected by twice as many airlines as the closest competitor. In fact, more airlines have chosen Collins TCAS than the competition *combined*.

The dependability of our system is its greatest strength. With advanced surface-mount technology, forced air cooling isn't required and that means Collins TCAS is more reliable by design.

Collins offers all of the things you've come to know our products for over the past 50 years. Things like proven performance. Consistent value. And a service and support network to assist you anytime, anywhere.

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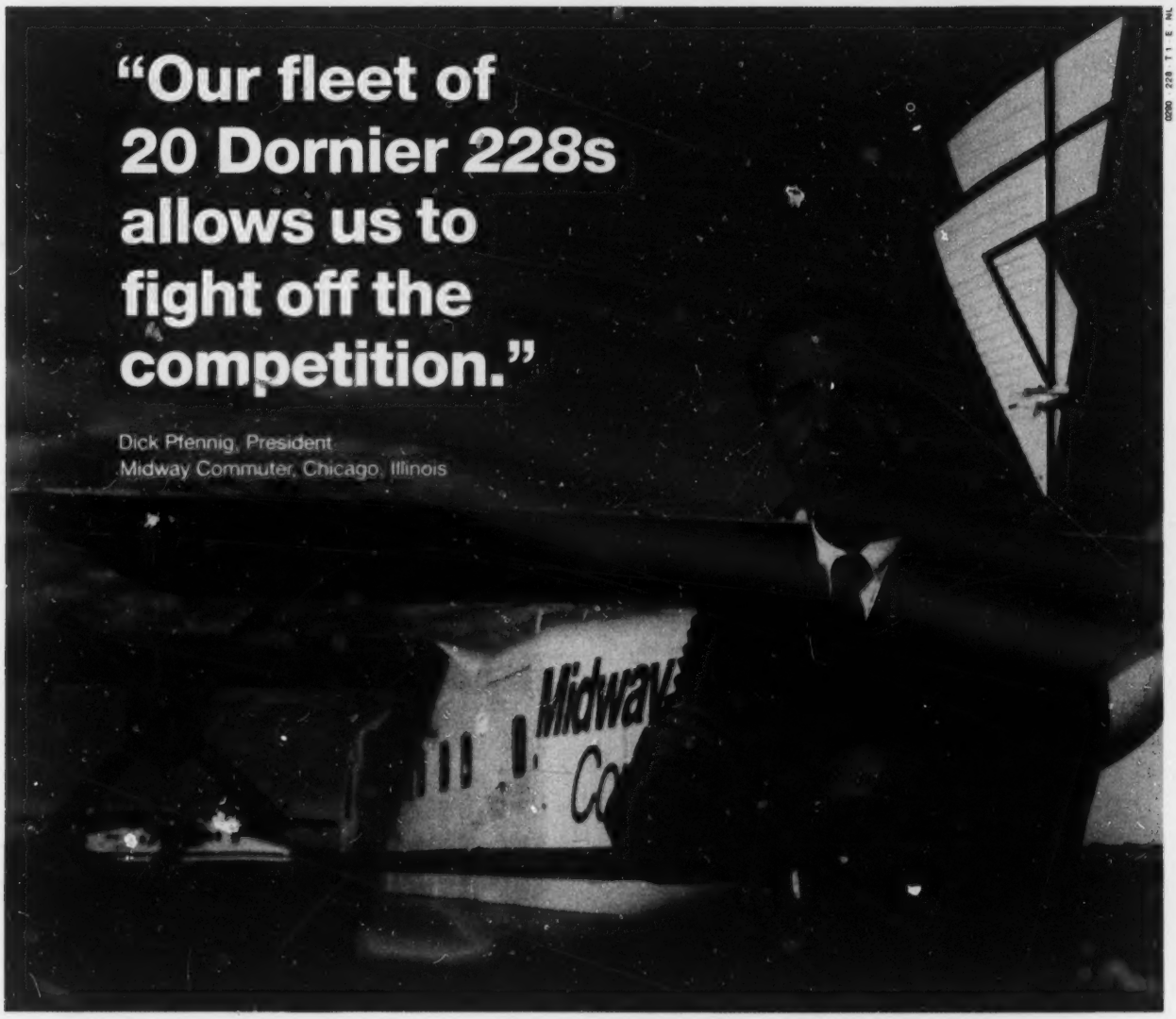
"Our fleet of 20 Dornier 228s allows us to fight off the competition."
Dick Pfennig, President
Midway Commuter, Chicago, Illinois

"When Midway Commuter needed a dependable, high-performance 19-seat aircraft to meet its expanding regional requirements, it invested in a fleet of Dornier 228s," says Dick Pfennig.

Today, Midway operates the largest 228 fleet in the world. The reasons why? Dornier was with us 100 percent providing performance, low operating costs and high passenger comfort.

The airline has to consider its location at Midway Airport in Chicago. "It's a tight field, so strong performance is critical," notes Pfennig. "But the 228 is so easy to

operate, we routinely get 18 aircraft out in short order." Customers regularly remark "this plane is such a pleasure to fly in."

Acceptance jumped over 10 percent with the 228s, as found by Midway's own passenger survey.

What more can we say? Business people throughout the world choose the Dornier 228 for the best in performance and efficiency.

Dornier 228 and Dornier 328... German Technology Makes it Best... by Design.

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Dornier
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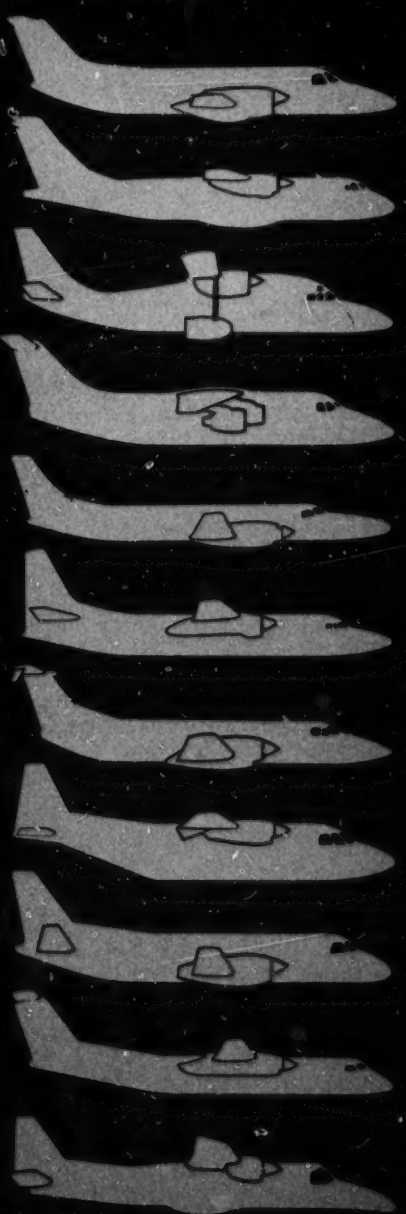


Aircraft

The number of regional aircraft in passenger service rose almost 6 percent to 1,907 in 1989. The industry continues to add larger turboprop airliners to the fleet, with airplanes of more than 30 seats (Part 121) accounting for 29 percent of the fleet total. These aircraft constituted 54 percent of available regional passenger seats in 1989 compared with 42 percent in 1988.

The mainstay of the industry's fleet remained the 19 seat aircraft. Last year regional carriers utilized 838 aircraft in this category. The next largest equipment group, aircraft with 9 or less seats, decreased from 536 aircraft in 1988 to 485 in 1989. Part 135 equipment constituted 71 percent of the fleet.

The top three regional passenger aircraft, in terms of percentage of total seating capacity, remained the same as last year. The Fairchild Metro continues to account for the largest percentage of regional airline seating capacity at 10.8 percent, with 235 airplanes in service. The 190 British Aerospace Jetstream 31's comprised 8.7 percent of industry seating capacity, and the 86 Shorts 360's accounted for 7.5 percent.

The number of aircraft utilized by regional carriers to transport cargo grew from 396 in 1988 to 467 in 1989. Turboprop aircraft comprised 53 percent of the regional airline cargo fleet, compared with multi-engine piston aircraft accounting for 33 percent.

Top Regional Aircraft 1989

1	Fairchild	Metro	235	4,465	10.8	445,996
2	British Aerospace	Jetstream 31	190	3,624	8.7	310,603
3	Shorts	360	86	3,096	7.5	284,774
4	Aerospatiale	ATR-42	64	3,072	7.4	208,663
5	Embraer	120	99	2,970	7.2	254,415
6	Saab	340	90	2,880	6.9	191,618
7	British Aerospace	146	26	2,195	5.3	56,135
8	Beech	1900	114	2,168	5.2	252,039
9	deHavilland	Dash 8	54	2,052	4.9	133,333
10	deHavilland	Dash 7	34	1,700	4.1	74,575
11	Fokker	27	34	1,628	3.9	66,124
12	deHavilland	Twin Otter	71	1,349	3.3	111,115
13	Embraer	Bandeirante	63	1,134	2.7	154,469
14	Piper	Navajo	112	1,008	2.4	80,128
15	Convair	580	18	864	2.1	20,900

Notes: (1) * - Aircraft accounting for 2.0% or more of 1989 passenger capacity.
(2) Data inclusive of carriers who may have operated only part of C/Y 1989.

Source: Regional Airline Association Annual Survey - 1989 and AvStat Associates.

Aircraft in Regional Airline Passenger Service

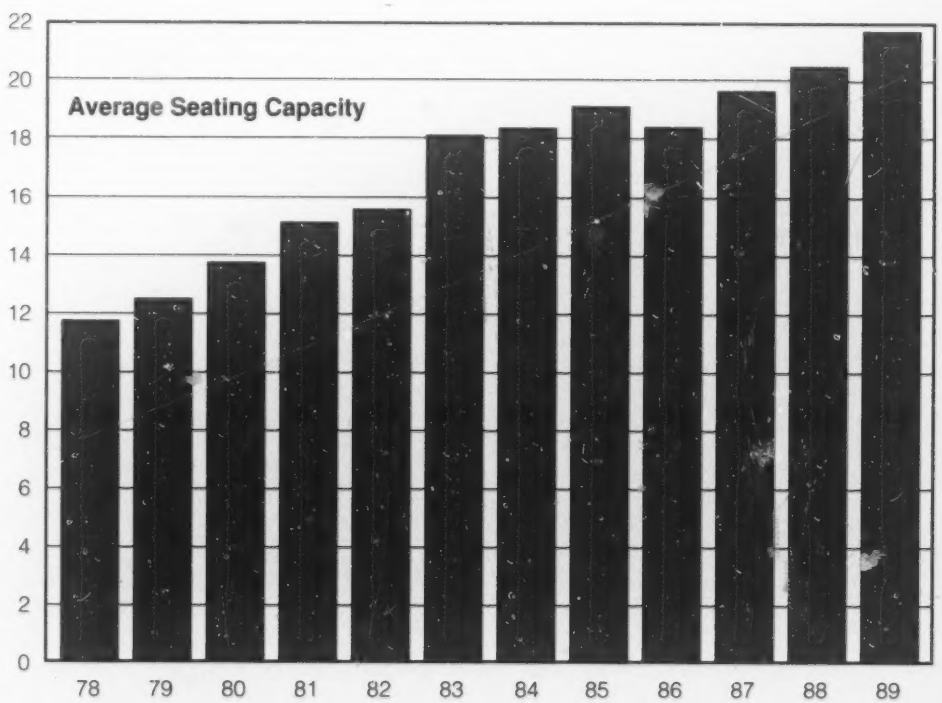
Comparison of Aircraft Seating Capacity by Feet Size, Hours Flown and Revenue Passenger Miles - 1989

	Passenger Seating Capacity						
	1-9	10-19	20-30	31-40	41 & Up	Other	Total
Aircraft in Active Fleet							
Percent Change	(27.3)	210.4	266.7	563.9	595.5	275.0	82.1
Hours Flown (000's)							
Percent Change	(37.8)	220.5	806.4	2,623.7	1,526.1	714.5	88.7
Revenue Passenger Miles							
Percent Change							527.9

Notes: (1) Other inclusive of helicopters and jets.
Source: Regional Airline Association Annual Survey-1989 and AvStat Associates.

Aircraft Statistics

Average Annual Utilization (hours)	
1978	1,080
1979	1,193
1980	1,299
1981	1,363
1982	1,373
1983	1,563
1984	1,582
1985	1,635
1986	1,622
1987	1,598
1988	1,709
1989	1,712



Aircraft

Summary of Passenger Aircraft in Regional Airline Use - 1989

	Piston Single-Engine	Piston Multi-Engine	Turboprop	Jet	Helicopter	Total
Aerospatiale			65		3	68
Beech	2	5	176			183
Bell					7	7
Boeing					2	2
British Aerospace			191	25		216
Britten Norman		25				25
CASA			12			12
Cessna	143	117	2	5		267
Convair		2	18			20
deHavilland	55		160			215
Dornier			35			35
Douglas		4		8		12
Embraer			162			162
Fairchild			236			236
Fokker			33	3		36
Grumman		7	5			12
Piper	58	130	8			196
Saab			90			90
Shorts			107			107
Sikorsky					6	6
Total 1989	258	290	1,380	41	18	1,987
Total 1988	224	357	1,166	41	23	1,811
Change	15.2	(18.8)	17.4	0.0	(21.7)	9.7

Source: Regional Airline Association Annual Survey-1989 and AvStat Associates.

Summary of All-Cargo Aircraft in Regional Airline Use - 1989

	Piston Single-Engine	Piston Multi-Engine	Turboprop	Jet	Helicopter	Total
Aero Commander		7		1		8
Beech	6	43	32			81
Bell					2	2
Britten Norman		2				2
CASA			4			4
Cessna	6	10	138	3		157
Convair		10	16			26
Dassault				2		2
deHavilland	1		7			8
Douglas		12	2			14
Embraer			5			5
Fairchild			3			3
Fokker			13			13
Lear				4		4
Mitsubishi			15			15
Piper	40	70	4			114
Shorts			9			9
Total	53	154	244	10	2	463

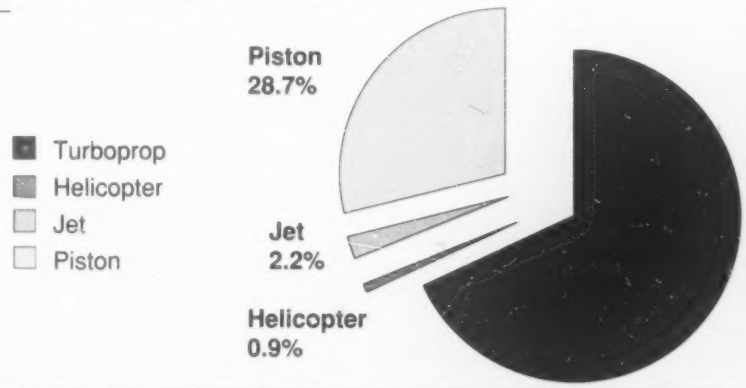
Source: Regional Airline Association Annual Survey-1989 and AvStat Associates.

Distribution of Fleet by Seating Capacity and Engine Type

Total Fleet

Total Fleet—1,907 Aircraft	Percentage of Total Fleet
All Single Engine	13.6
Multi-Engine	
1–9 Seats	14.8
10–19 Seats	41.0
20–30 Seats	6.9
31–40 Seats	12.5
41> Seats	8.0
Jets	2.2
Helicopters	0.9

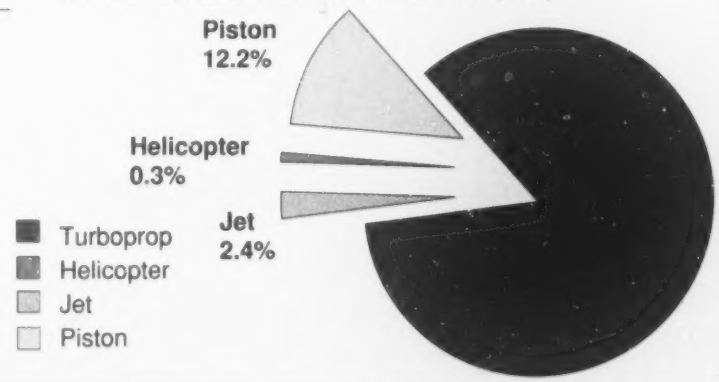
Total Aircraft in Part 135 Service: 1,356 (71%)
Total Aircraft in Part 121 Service: 551 (29%)



Hours Flown

Hours Flown—3,265,508 Hours	Percentage of Total Hours
All Single Engine	5.7
Multi-Engine	
1–9 Seats	6.4
10–19 Seats	45.2
20–30 Seats	9.5
31–40 Seats	19.0
41> Seats	11.4
Jets	2.4
Helicopters	0.3

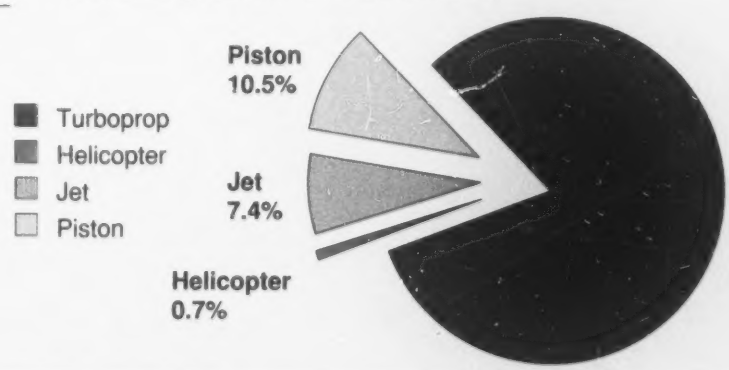
Total Hours (000's) in Part 135 Service: 1,913 (59%)
Total Hours (000's) in Part 121 Service: 1,352 (41%)



Available Seats

	Percentage of Available Seats
All Single Engine	4.2
Multi-Engine	
1–9 Seats	5.7
10–19 Seats	34.7
20–30 Seats	9.4
31–40 Seats	20.0
41> Seats	17.9
Jets	7.4
Helicopters	0.7

Total Passenger Lift in Part 135 Service: (46%)
Total Passenger Lift in Part 121 Service: (54%)



Source: Regional Airline Association Annual Survey-1989 and AvStat Associates.

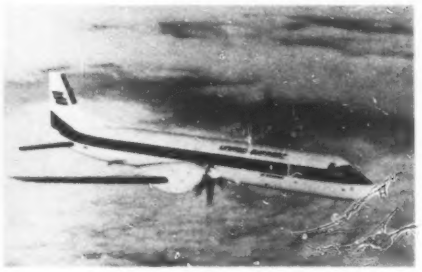
Aircraft Picture Directory

Aerospatiale/Aeritalia ATR-42

Passenger capacity	46/50
Cruising speed (knots)	265
Maximum take-off weight (pounds)	36,817
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Aerospatiale/Aeritalia ATR-72

Passenger capacity	66/69
Cruising speed (knots)	286
Maximum take-off weight (pounds)	44,070
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes



BAe ATP (Advanced Turboprop)

Passenger capacity	64
Cruising speed (knots)	268
Maximum take-off weight (pounds)	50,550
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

BAe Jetstream 31

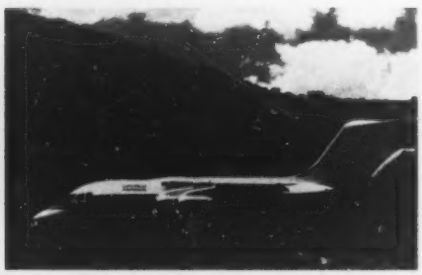
Passenger capacity	19
Cruising speed (knots)	260
Maximum take-off weight (pounds)	15,322
Type of powerplant	Garrett
Pressurization	Yes

BAe Super Jetstream 31

Passenger capacity	19
Cruising speed (knots)	270
Maximum take-off weight (pounds)	16,204
Type of powerplant	Garrett
Pressurization	Yes

BAe Jetstream 41

Passenger capacity	29
Cruising speed (knots)	295
Maximum take-off weight (pounds)	22,377
Type of powerplant	Garrett
Pressurization	Yes
Estimated delivery date	1992



BAe 146-100

Passenger capacity	88
Cruising speed (knots)	425
Maximum take-off weight (pounds)	84,000
Type of powerplant	Textron Lycoming
Pressurization	Yes

BAe 146-200

Passenger capacity	100
Cruising speed (knots)	425
Maximum take-off weight (pounds)	93,000
Type of powerplant	Textron Lycoming
Pressurization	Yes

BAe 146-300

Passenger capacity	103
Cruising speed (knots)	425
Maximum take-off weight (pounds)	97,500
Type of powerplant	Textron Lycoming
Pressurization	Yes

Beechcraft 1300

Passenger capacity	13
Cruising speed (knots)	290
Maximum take-off weight (pounds)	12,500
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Beech C99 (BE-99)

Passenger capacity	15
Cruising speed (knots)	248
Maximum take-off weight (pounds)	11,300
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Beech 1900

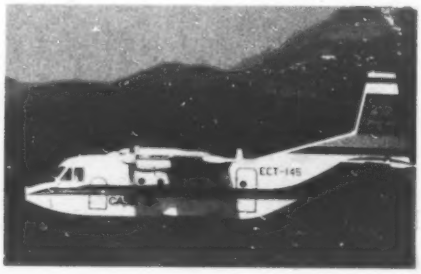
Passenger capacity	19
Cruising speed (knots)	256
Maximum take-off weight (pounds)	16,600
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Beech 1900D

Passenger capacity	19
Cruising speed (knots)	288
Maximum take-off weight (pounds)	16,950
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Challenger Regional Jet CL 601-RJ

Passenger capacity	48
Cruising speed (knots)	460
Maximum take-off weight (pounds)	47,250
Type of powerplant	General Electric
Pressurization	Yes
Estimated delivery date	1991-92



CASA C-212

Passenger capacity	23
Cruising speed (knots)	162
Maximum take-off weight (pounds)	16,975
Type of powerplant	Garrett
Pressurization	No

CASA CN-235

Passenger capacity	44
Cruising speed (knots)	240
Maximum take-off weight (pounds)	31,746
Type of powerplant	General Electric
Pressurization	Yes

Cessna 402 (CE-402)

Passenger capacity	8
Cruising speed (knots)	174
Maximum take-off weight (pounds)	6,850
Type of powerplant	Teledyne Continental
Pressurization	No

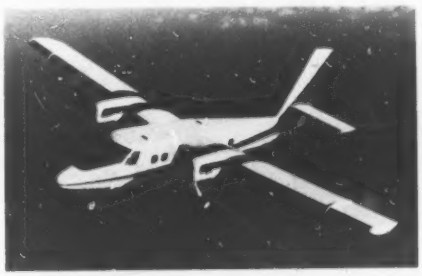
Commuter Air Transports CATPASS 200

Passenger capacity	13
Cruising speed (knots)	239
Maximum take-off weight (pounds)	12,500
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Aircraft Picture Directory

Convair 580

Passenger capacity	44
Cruising speed (knots)	260
Maximum take-off weight (pounds)	30,275
Type of powerplant	Allison/Rolls Royce
Pressurization	Yes



deHavilland (DHC-6) Twin Otter

Passenger capacity	20
Cruising speed (knots)	182
Maximum take-off weight (pounds)	12,500
Type of powerplant	Pratt Whitney Canada
Pressurization	No

deHavilland (DHC-7) Dash 7

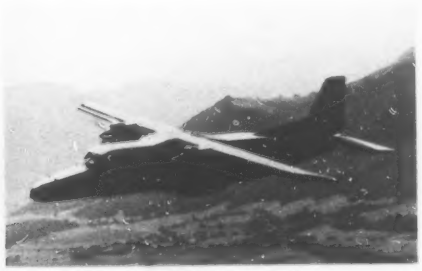
Passenger capacity	50-54
Cruising speed (knots)	228
Maximum take-off weight (pounds)	47,000
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

deHavilland (DHC-8) Dash 8-100

Passenger capacity	36-40
Cruising speed (knots)	265
Maximum take-off weight (pounds)	34,500
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

deHavilland (DHC-8) Dash 8-300

Passenger capacity	50-56
Cruising speed (knots)	285
Maximum take-off weight (pounds)	41,000
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes



Dornier 228 - 212

Passenger capacity	19
Cruising speed (knots)	231
Maximum take-off weight (pounds)	14,109
Type of powerplant	Garrett
Pressurization	No

Dornier 328

Passenger capacity	30-33
Cruising speed (knots)	345
Maximum take-off weight (pounds)	27,550
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes
Estimated delivery date	1993

Embraer CBA 123

Passenger capacity	19
Cruising speed (knots)	351
Maximum take-off weight (pounds)	19,841
Type of powerplant	Garrett
Pressurization	Yes
Estimated delivery date	1991

Embraer (EMB-110) Bandeirante

Passenger capacity	19
Cruising speed (knots)	220
Maximum take-off weight (pounds)	13,007
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Embraer (EMB -120) Brasilia

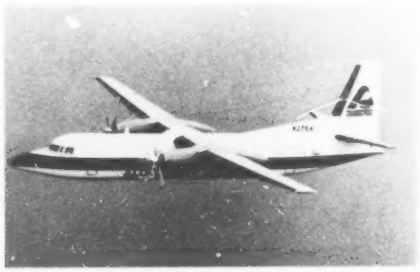
Passenger capacity	30
Cruising speed (knots)	294
Maximum take-off weight (pounds)	25,353
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Embraer EMB 145

Passenger capacity	45-47
Cruising speed (knots)	400
Maximum take-off weight (pounds)	37,482
Type of powerplant	Allison
Pressurization	Yes
Estimated delivery date	1992

Fairchild (SA-227-AC) Metro III

Passenger capacity	19
Cruising speed (knots)	270
Maximum take-off weight (pounds)	14,500/ 16,000
Type of powerplant	Garrett
Pressurization	Yes



Fokker F-27 Mk500

Passenger capacity	50
Cruising speed (knots)	259
Maximum take-off weight (pounds)	45,000
Type of powerplant	Rolls Royce
Pressurization	Yes

Fokker F-28 Mk400

Passenger capacity	85
Cruising speed (knots)	447
Maximum take-off weight (pounds)	73,000
Type of powerplant	Rolls Royce
Pressurization	Yes

Fokker 50

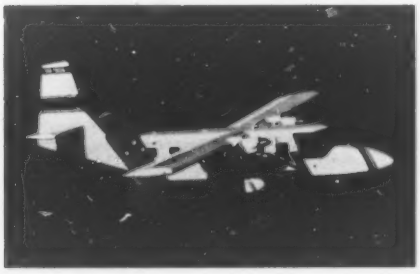
Passenger capacity	50
Cruising speed (knots)	285
Maximum take-off weight (pounds)	45,900
Type of powerplant	Pratt Whitney Canada
Pressurization	Yes

Fokker 100

Passenger capacity	107
Cruising speed (knots)	432
Maximum take-off weight (pounds)	95,000
Type of powerplant	Rolls Royce
Pressurization	Yes

Nihon YS-11

Passenger capacity	58
Cruising speed (knots)	250
Maximum take-off weight (pounds)	55,100
Type of powerplant	Rolls Royce
Pressurization	Yes



Nomad N22B

Passenger capacity	12
Cruising speed (knots)	168
Maximum take-off weight (pounds)	8,500
Type of powerplant	Allison
Pressurization	No

Aircraft Picture Directory

Nomad II Airliner

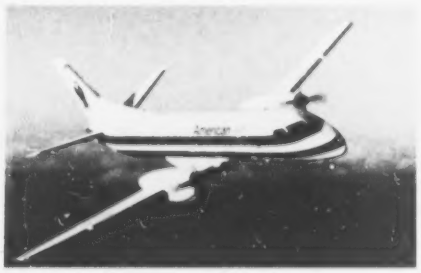
Passenger capacity	16
Cruising speed (knots)	173
Maximum take-off weight (pounds)	9,200
Type of powerplant	Allison
Pressurization	No

Pilatus B-N (BN2B-20) Islander

Passenger capacity	8
Cruising speed (knots)	140
Maximum take-off weight (pounds)	6,500
Type of powerplant	Avco Lycoming
Pressurization	No

Piper PA-T1040

Passenger capacity	9
Cruising speed (knots)	220
Maximum take-off weight (pounds)	9,000
Type of powerplant	Pratt Whitney Canada
Pressurization	No



Saab 340

Passenger capacity	30-37
Cruising speed (knots)	272
Maximum take-off weight (pounds)	28,000
Type of powerplant	General Electric
Pressurization	Yes

Saab 340B

Passenger capacity	30-37
Cruising speed (knots)	285
Maximum take-off weight (pounds)	28,5000
Type of powerplant	General Electric
Pressurization	Yes

Saab 2000

Passenger capacity	50
Cruising speed (knots)	360
Maximum take-off weight (pounds)	47,000
Type of powerplant	Allison
Pressurization	Yes
Estimated delivery date	1993

Shorts 330

Passenger capacity	30
Cruising speed (knots)	189
Maximum take-off weight (pounds)	22,900
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Shorts 360-300

Passenger capacity	36
Cruising speed (knots)	217
Maximum take-off weight (pounds)	27,100
Type of powerplant	Pratt Whitney Canada
Pressurization	No

Aircraft Performance Chart

Think of B/CA's 1990 commuter charts as a hypothetical airline...an airline with the unlikely fleet composition of one of everything. We have typically operated each of these airplanes over three different stage lengths to see where each best fits in the marketplace.

In past years, all piston and turboprop aircraft were flown continuously over stages of 75, 150 and 275 sm, all within the confines of a 14-hour duty day. Jets were operated over stages of 150, 275 and 400 sm. This year, the splits have been changed to more accurately reflect the increase in average stage lengths being flown by larger and newer equipment.

All non-pressurized aircraft, up to and including the 36-passenger Shorts 360, remain at 75, 150 and 275 sm, where they do best. All pressurized aircraft, including jets, are being operated over the longer 150, 275 and 400 sm-segments.

According to the rules of the game, the airplanes carry 200 pounds per passenger seat, including luggage, plus maximum allowable fuel, which takes into account maximum landing weight at the first stop and zero-fuel weight limitations. Each departure consumes 10 minutes for start-up, taxi-out and takeoff under sea-level, ISA conditions. The aircraft uses best climb to optimum cruising altitude, descends to sea level with no provisions for approach, landing or taxi-in. And the balance of the distance is spent at high-speed cruise.

Each turnaround requires 20 minutes plus 10 minutes for each refueling. B/CA has found that this regime provides fairly realistic utilization of 7.5 to 11 hours per day. Minimum fuel requirements include provisions for a 45-minute hold at cruising altitude and cruising speeds plus an 87-nm alternate under the same conditions.

In cases where weight must be reduced, available fuel is reduced to the minimum for that mission, plus reserves, prior to the removal of any passengers. When a passenger(s) must be removed for such consideration, the seat also is removed for the purposes of calculating that mission profile.

Other assumptions that may require some explanation:

WEIGHTS

If no published zero fuel weight exists, landing weight is used. The designation of basic operating weight (BOW) has been replaced with operating empty weight (OEW) to conform with Air Transport Association of America Specification for Manufacturers' Technical Data. OEW includes cockpit and cabin crew, manuals and baggage; usable engine oil and injection fluids; removable cabin, meal, and liquor service equipment; food and beverage; usable drinking and washing water; required emergency equipment, including rafts and life vests; and any cargo handling systems or equipment.

More specifically, pilots are considered to weigh 170 pounds each and flight attendants 130 pounds each. Manuals and charts weigh 15 pounds and galley stores and consumable liquids, including ice, are tabulated at two pounds per passenger seat for aircraft of more than 19 passenger seats.

PERFORMANCE PARAMETERS

All performance parameters are directly from the aircraft flight manual or from the manufacturers' computerized performance data except where noted in the notes column. Also, unless otherwise noted, all performance parameters are under ISA/sea level conditions.

True airspeeds, fuel flows and flight levels listed under the heading of CRUISE reflect the cruise parameters during each airplane's longest mission listed under productivity factors. Speeds are shown in knots, although missions are displayed according to statute-mile distances.

PRODUCTIVITY FACTORS

Each mission profile provides 11 bits of information about that particular airplane. Stages Fueling (stages per refueling) reflect the airplane's ability to tanker fuel and thus avoid making fuel purchases at points where contract fuel is not available. The No. Pass (number of passengers) indicated whether the airplane can accommodate a full passenger load under the existing circumstances.

Eng. Hrs. (engine hours) indicate the aircraft's daily utilization and Total Fuel is that consumed during the 14-hour duty day. Total number of trips made during the 14-hour day may be just as important as the ability to tanker fuel, since squeezing one additional trip out of an airplane is the ability to offer that many more seat miles.

Seat Miles do, of course, represent the availability of product that the airplane is able to offer to the marketplace. Seats that are not available cannot be filled. From an operational standpoint, productivity also is shown in terms of SM/hr (seat miles generated per engine hour) and SM/lb (seat miles produced per pound of fuel) during the 14-hour day.

The final three productivity factors relate to each individual mission. BS relates to block speed for each segment and MF is the mission, or block fuel consumed from engine start to shutdown. FL is the altitude at which the aircraft was operated during the cruise portion of the flight.

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Aircraft Performance Chart

MANUFACTURER MODEL B/CA EQPD. PRICE	CHARAC- TERISTICS	DIMENSIONS (Feet)		POWER	WEIGHTS (lb)			TAKEOFF	CLIMB		LIMITS
		External	Internal	Engine Pwr. Output PSI	Max Ramp Max TO Max Land	Zero Fuel BOW Max. Pld.	Max Fuel Pld. M. Fuel Fuel M. Pld.	A/S SL ISA 5,000 + 20°C VMCA VXSE	Rate (fpm) All Eng. Eng. Out	ALT. (ft.) All Eng. Eng. Out	VNE VA VFE VLO
	Seating Seat Pitch Wing Noise	Length Height Span Turn Radius	Length Height Width Bag. Vol Pass.								
Pilatus B-N Islander BN2B-26 $597,500	2 + 8 29.0 hi wing 77.7	35.7 12.4 49 31	10 4.1 3.6 5.3	2 Lyc O-540-E4C5 260 hp ea.	6,240 6,200 6,200	6,200 4,294 1,906	780* 1,166 40	1,118 1,725 40 65	1,000 207	15,500 6,100	184 107 88 —
Pilatus B-N Islander BN2B-20 $647,500	2 + 8 29.0 hi wing 77.7	35.7 12.4 49 31	10 4.1 3.6 5.3	2 Lyc IO-540K1B5 300 hp ea.	6,600 6,560 6,560	6,300 4,424 1,876	780* 1,396 300	1,155 1,733 40 65	1,150 205	19,800 6,300	184 107 88 —
Cessna Aircraft Caravan I CE-208 $915,000	1 + 9 32.0 hi wing 73.5	37.6 14.8 52.1 31.9	15.8 4.5 5.3 37.9	1 P&W PT6A-114 600 shp N/A	8,035 8,000 7,800	8,000 4,276 3,724	2,224 1,535 35	2,200 3,100 — 86	1,040 —	25,500 —	175 150 175 —
Commuter Air Trans. CATPASS 200-15 $1,200,000	2 + 13 28 low wing 79.2	43.8 14.5 54.5 39.8	16.9 4.8 4.5 8.5	2 P&W PT6A-41 850 shp ea. 6.5	12,590 12,500 12,500	11,000 8,215 2,785	3,645 730 1,590	4,475* 6,150* 91 121	2,448 738	32,785 19,143	260 180 200 182
Pilatus B-N Turbine Islander BN2T $1,297,800	2 + 8 29.0 hi wing 69.5	35.7 12.4 49 31	10 4.1 3.6 5.3	2 All 250-B17C 320 shp ea.	7,045 7,000 6,800	6,600 4,220 2,380	1,440 1,385 445	1,250 1,900 47 75	1,050 215	25,500 10,200	152 113 88 —
Cessna Aircraft Caravan II CE-406 $1,650,000	2 + 12 28.0 low wing 72.0	39 13.1 49.5 31.5	12.8 4.3 4.7 7.6	2 P&W PT6A-112 500 shp ea.	9,925 9,850 9,360	8,500 5,567 2,933	3,183 1,175 1,425	4,776 6,300 90 105	1,750 320	30,000 14,800	230 160 200 180
GAF Nomad II N24A $1,695,323	2 + 16 29.0 hi wing 71.0	47 18.2 54.2 52	21.3 5.2 4.3 4.4	2 ALL 250B17C 420 shp ea. N/A	9,450 9,400 9,200	9,150 5,300 3,850	1,770 2,380 300	2,950 4,000 67 96	1,313 240	23,300 8,200	166 136 120 120
Beech 1300 Airliner BE-1300 $2,547,000	2 + 13 30.0 low wing 79.2	43.8 15.0 54.5 39.8	16.7 4.8 4.5 8.5	2 P&W PT6A-42 850 shp ea. 6.5	12,590 12,500 12,500	11,000 8,300 2,700	3,645 645 1,590	3,750 5,050 94 121	2,400 499	25,000 16,600	260 180 199 180
Embraer Bandeirante EMB-110-P1 $2,700,000	2 + 19 32 low wing 77.2	49.5 16 50.3 39.4	31.2 5.3 5.3 5.9	2 P&W PT6A-34 750 shp ea. N/A	13,073 13,007 12,566	12,015 8,350 3,665	2,948 1,775 1,058	3,600 5,600 84 117	1,650 339	21,500 9,500	230 169 148 146
Dornier 228 Do 228-212 $3,000,000*	2 + 19 30.0 hi wing 72.3	54.3 15.8 55.6 48.5	23.3 5.1 4.5 6.5	2 AR TPE331-5 776 shp ea. N/A	14,175 14,109 13,448	13,095 8,249 4,846	4,156 1,770 1,080	2,550 3,400** 78 93	1,870 440	25,000 13,000	223 150 160 160
Fairchild Aircraft Metro III SA227-AC $3,500,000	2 + 19 30.0 low wing 74.8	59.4 16.7 57 38.5	25.4 4.8 5.2 9.7	2 AR TPE331-11U 1,100 shp ea. 7.0	14,600 14,500 14,000	13,900 9,310 4,590	4,342 948 700	3,850 5,100 91 114	2,370 740	26,700 14,500	248 175 215 175
Fairchild Aircraft Metro III (Heavy) SA227-AC $3,600,000	2 + 19 30.0 low wing 74.8	59.4 16.7 57 38.5	25.4 4.8 5.2 9.7	2 AR TPE331-11U 1,100 shp ea.* 7.0	16,100 16,000 15,500	13,900 9,400 4,500	4,342 2,358 2,200	4,650 5,300** 91 119	2,300 550	23,800 11,000	248 185 215 175
Beech 1900 Airliner BE-1900C $3,782,800	2 + 19 30.0 low wing 77.4	57.9 14.9 54.5 39.3	23.2 4.8 4.5 11.3	2 P&W PT6A-65B 1,100 shp ea.* 4.8	16,710 16,600 16,100	14,000 9,850 4,150	4,469 2,391 2,710	3,800 5,450 97 120	2,330 490	25,000 13,000	250 190 170 182

Aircraft Performance Chart

CRUISE	B/CA PRODUCTIVITY FACTORS									NOTES
	75 sm MISSION			150 sm MISSION			275 sm MISSION			
TAS FF FL	Stage Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stage Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stage Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Certification Basis Remarks
130 150 50	1 7 10.00 1,400	8 4,200 420 3.00	104 175 50	1 3 10.53 4,774	5 2,250 214 0.47	114 955 50	1 2 12.17 4,842	4 2,200 181 0.45	114 1,211 50	FAR 23, 1963 MGTOW 6,600 lb outside U.S. *Tip tanks available.
133 175 50	1 8 9.81 1,622	9 5,400 550 3.33	119 180 50	1 7 10.13 1,721	5 5,250 518 3.05	118 344 50	1 7 11.38 1,950	4 7,700 676 3.95	122 488 50	FAR 23, 1963 *Tip tanks available.
181 360 100	8 9 11.08 3,382	19 12,825 1,157 3.79	111 178 60	5 9 9.67 2,990	10 13,500 1,397 4.52	134 299 100	3 9 10.97 3,682	7 17,325 1,580 4.71	153 526 100	FAR 23, 1984 Baggage pod available.
272 596 240	2 13 8.43 5,295	12 23,400 2,776 4.42	185 441 160	1 13 9.97 5,896	9 32,175 3,226 5.46	216 655 230	1 13 10.52 6,150	7 36,400 3,459 5.92	232 879 240	FAR 23, Appdx. A, 1987 Baggage pod standard. Wing lockers optional *Flaps zero degrees.
158 328 100	2 8 10.32 3,194	10 6,000 582 1.88	120 319 100	1 8 10.33 3,274	6 7,200 697 2.20	139 546 100	1 8 9.65 3,088	4 8,800 912 2.85	144 772 100	FAR 23, 1965
236 609 100	2 12 9.46 5,149	12 21,600 2,282 4.19	165 429 100	1 12 10.07 5,683	8 26,400 2,621 4.65	190 710 100	1 12 10.32 5,950	6 28,800 2,789 4.84	202 992 100	SFAR 41, 1986
151 330 100	1 13 7.37 2,384	13 12,675 1,720 5.32	115 183 065	1 13 10.05 2,826	9 17,550 1,746 6.21	116 314 100	1 12 10.40 3,252	6 19,800 1,904 8.08	130 542 100	FAR 23, 1965 SFAR 23, 1968
268 648 240	1 13 7.88 5,302	11 21,450 2,721 4.05	181 482 160	1 13 9.07 5,872	8 28,600 3,154 4.87	211 734 230	1 13 10.85 6,825	7 36,400 3,355 5.33	225 975 240	FAR 23, 1973/80 Baggage pod standard.
221 683 100	1 16 7.00 3,570	14 16,800 2,400 4.71	130 255 50	1 17 8.33 4,390	10 25,500 3,060 5.81	156 439 100	1 15 9.22 5,418	7 28,875 3,133 5.33	182 774 100	FAR 23, 1969 SFAR 41
231 680 100	3 19 7.73 4,464	16 22,800 2,948 5.11	134 279 60	3 19 10.40 5,655	13 37,050 3,563 6.55	163 435 100	3 19 10.27 6,160	8 41,800 4,071 6.79	186 770 100	FAR 23, 1983 Amendment 34 *B/CA estimate. **WAT ltd. to 13,500 lb.
270 675 160	1 19 8.34 5,929	12 34,200 4,102 5.77	187 494 100	1 18 9.95 7,021	9 44,550 4,479 6.35	216 780 120	1 17 10.79 7,071	7 47,600 4,411 6.73	226 1,010 160	CAR 3, 1965 SFAR 41(B) 1981 *Wet. Cargo door standard.
270 675 160	3 19 8.91 6,395	13 37,050 4,159 5.79	190 492 100	2 19 9.99 7,039	9 47,025 4,706 6.68	215 782 120	2 19 10.77 7,105	7 53,200 4,939 7.49	226 1,015 160	CAR 3, 1965 SFAR 41(B) 1981 *Wet. **WAT ltd. to 14,500 lb.
248 614 240	3 19 9.10 7,644	13 37,050 4,071 4.85	186 588 140	2 19 10.50 7,947	9 47,025 4,479 5.92	205 883 220	2 19 11.32 8,099	7 53,200 4,701 6.57	215 1,157 240	FAR 23, 1965 SFAR 41(C) 1983 Cargo door standard. *Wet wing.

Aircraft Performance Chart

MANUFACTURER MODEL B/CA EQPD. PRICE	CHARACTERISTICS	DIMENSIONS (Feet)		POWER	WEIGHTS (lb)			TAKEOFF	CLIMB		LIMITS	
		External	Internal	Engine Pwr. Output PSI	Max Ramp Max TO Max Land	Zero Fuel BOW Max. Pld.	Max Fuel Pld. M. Fuel Fuel M. Pld.	A/S SL ISA 5,000 + 20°C VMCA VXSE	Rate (fpm)	ALT. (ft.)	VNE VA VFE VLO	
	Seating Seat Pitch Wing Noise	Length Height Span Turn Radius	Length Height Width Bag. Vol/Pass.						All Eng. Eng. Out	All Eng. Eng. Out		
Beech	2 + 19	57.9	23.2	2 P&W	17,060	15,000	4,469	4,200	2,320	25,000	250	
1900 Airliner	30.0	14.9	5.9	PT6A-67D	16,950	10,400	2,191	N/A	590	16,200	190	
BE-1900D	low wing	57.9	4.5	1,280 shp ea.	16,100	4,600	2,060	97			170	
$3,950,000*	N/A	N/A	12.5	5.0				120			182	
CASA	3 + 26	53.1	19.8	2 AR	17,086	15,653	3,537	3,264***	1,629	2,600	200	
C-212-300	29.0	21.7	5.9	TPE331-10	16,975	10,538	3,011	5,000	311	11,100	146	
$3,986,000*	hi wing	66.9	6.9	925 shp ea.**	16,424	5,115	1,433	77			135	
	85.9/90.9	48.2	4.8	—				106			—	
British Aerospace	2 + 19	47.2	24.3	2 AR	16,314	14,330	3,250	4,700	2,080	25,000	250	
Jetstream Super 31	32.0	17.5	5.9	TPE331-12	16,204	10,041	3,023	5,750*	N/A	12,000	180	
BAe-3201	low wing	52.0	6.1	1,020 shp ea.	15,609	4,289	1,984	99			170	
$4,000,000*	79.7/86.4	41.1	7.7	5.5		—		120			160	
Short Bros. Plc	3 + 36	70.8	36.2	2 P&W	27,200	26,500	3,840	4,280	952	20,000	196	
Shorts 360-300	30.0	23.7	6.5	PT6A-67R	27,100	17,350	6,010	4,920**	230	8,800	159	
SD3-60	hi wing	74.8	6.5	1,424 shp ea.	26,500	8,300*	700	81			150	
$5,450,000	67.9/80.1	53.5	8.1	—				110			150	
Embraer	3 + 30	65.1	30.8	2 P&W	25,529	23,148	5,732	4,659	2,120	29,800	269	
Brasilia	31.0	20.8	5.8	PW-118A	25,353	15,939	3,858	6,325	675	17,200	185	
EMB-120	low wing	64.9	6.9	1,800 shp ea.	24,802	7,209	2,381	91			200	
$7,560,000	71.0/82.0	51.7	7.5	7.0				136			200	
Saab-Scania AB	3 + 35	64.8	34.1	2 GE	28,800	26,000	5,690	4,200	1,710	25,000	250	
SF-340B	30.0	22.6	6	CT7-9B	28,500	17,715	5,395	6,850	510	11,700	180	
$7,950,000*	Low Wing	70.3	7.1	1,750 shp ea.	28,000	8,285	2,800	98			175	
	78.0/85.9	52	6.9	7.0				133			200	
Boeing DHC Div.	3 + 37	73	30.1	2 P&W	34,700	31,000	5,678	3,150	1,560	25,000	N/A	
Dash 8-100	31.0	24.6	6.4	PW-120A	34,500	22,560	6,462	3,950*	450	14,500	165	
$8,650,000	hi wing	85	8.1	2,000 shp ea.	33,900	8,440	3,700	74			148	
	80.8/94.8	59.3	9.94	5.5				115			158	
CASA/Nurtanio	3 + 44	70	32.7	2 GE	31,857	29,983	9,213	4,147	1,680	25,000	240	
CN-235	30.0	26.9	6.0	CT7-9C	31,746	20,725	1,919	6,198	494	15,300	160	
$9,000,000*	hi wing	84.7	8.9	1,750 shp ea.	31,205	9,258	1,874	85			160	
	84.0/87.0	62.2	5.6	3.6				105			150	
Aeritalia/ Aerospatiale	3 + 50	74.4	31.4	2 P&W	36,861	33,510	9,920	3,575	1,450	25,000	250	
ATR 42-300	30.0	24.9	6.3	PW-120	36,817	22,675	4,266	4,822*	298	13,500	164	
$9,900,000	hi wing	80.6	8.4	1,800 shp ea.	36,155	10,835	3,351	88			160	
	84.5/94.0	56	7.4	6.0				130			160	
Aeritalia/ Aerospatiale	3 + 50	74.4	31.4	2 P&W	36,861	33,510	9,920	3,410	1,430	25,000	250	
ATR 42-320	30.0	24.9	6.3	PW-121	36,817	22,685	4,256	4,757*	298	13,500	164	
$10,000,000	hi wing	80.6	8.4	1,900 shp ea.	36,155	10,825	3,351	88			160	
	84.5/94.0	56	7.4	6.0				130			160	
Fokker B.V.	3 + 50	82.8	52.4	2 P&W	45,900	40,700	9,090	4,430	2,120	25,000	227	
Fokker 50	32.0	27.8	6.4	PW-125B	45,900	28,000	8,810	7,220	N/A	12,000	177	
$10,700,000*	hi wing	95.2	8.2	2,500 shp ea.	43,500	12,700	5,200	91			180	
	81.0/96.7	59.3	7.7	5.47				136			170	
Boeing DHC Div.	3 + 50	84.3	41.3	2 P&W	41,100	37,200	5,678	3,675	1,800	25,000	243	
Dash 8-300	32.0	24.6	6.2	PW-123	41,100	25,600	9,822	4,400*	450	13,500	176	
$10,800,000	hi wing	90	8.2	2,380 shp ea.	40,000	11,600	3,900	77			160	
	84.3/93.3	65.6	8.22	5.5				N/A			159	
Aeritalia/ Aerospatiale	4 + 66	89.1	63	2 P&W	47,466	43,430	11,025	4,620	1,500	25,000	250	
ATR 72	31.0	25.1	6.3	PW-124	47,400	27,340	9,101	5,640*	N/A	11,500	175	
$11,900,000	hi wing	88.8	8.4	2,400 shp ea.	47,047	16,090	4,036	94			185	
	N/A	63	6.1	6.0				138			170	

Aircraft Performance Chart

CRUISE	B/CA PRODUCTIVITY FACTORS									NOTES
	75 sm MISSION			150 sm MISSION			275 sm MISSION			
TAS FF FL	Stage/Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stage/Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stage/Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Certification Basis Remarks
284 865 200	3 19 8.96 7,597	13 37,050 4,137 4.88	218 584 190	2 19 9.98 7,940	9 47,025 4,714 5.92	248 882 230	1 19 10.50 8,134	7 53,200 5,067 6.54	267 1,162 240	Cert. pending commuter cat. All data prelim. *B/CA estimate.
191 771 100	1 24 9.00 5,973	9 32,400 3,599 5.42	130 664 80	1 22 9.47 6,390	6 36,300 3,835 5.68	151 1,065 100	1 20 10.64 7,460	5 40,000 3,759 5.36	164 1,492 100	FAR 25, 1978 *B/CA estimate. **APR "on." ***Landing wt. ltd.
240 571 230	3 19 8.68 5,477	12 34,200 3,940 6.24	180 456 170	2 19 10.56 6,466	9 47,025 4,452 7.27	204 718 210	1 19 10.03 5,825	6 45,600 4,549 7.83	208 971 230	SFAR 41, 1982 *B/CA esimate. **WAT ltd. to 12,750 lb.
214 1,047 100	2 36 7.75 6,900	15 40,500 5,226 5.87	126 460 60	1 36 8.33 7,750	10 54,000 6,480 6.97	156 775 100	1 36 9.33 9,121	7 69,300 7,425 7.60	179 1,303 100	FAR 25, 1976 *Design payload. **WAT ltd. to 24,000 lb.
312 220 250	3 30 8.78 9,302	13 58,500 6,660 6.29	192 716 200	2 30 10.16 11,194	10 82,500 8,121 7.37	235 1,119 220	2 30 11.15 11,670	8 96,000 8,607 8.23	250 1,459 250	FAR 25, 1985
269 876 240	4 35 9.26 8,219	13 68,250 7,369 8.30	182 632 190	3 35 10.38 8,733	9 86,625 8,343 9.92	207 970 240	2 35 10.96 9,299	7 98,000 8,940 10.54	222 1,328 240	JAR/FAR 25 1989 *B/CA estimate.
262 985 240	3 37 9.11 11,020	13 72,150 7,922 6.55	186 848 130	2 37 10.07 11,601	9 91,575 9,090 7.89	214 1,289 200	2 37 10.82 11,679	7 103,600 9,577 8.87	225 1,668 240	FAR 25, 1984 *WAT ltd. to 32,300 lb, flaps 15 degrees.
242 1,075 180	1 44 8.79 8,779	11 72,600 8,261 8.27	163 798 125	1 42 10.17 10,308	8 92,400 9,085 8.96	188 1,289 150	1 41 10.62 10,238	6 98,400 9,264 9.61	197 1,706 180	FAR 25, 1986 *B/CA estimate.
265 935 150	3 50 10.19 11,073	13 97,500 9,571 8.81	166 852 130	2 50 9.66 10,997	8 110,000 11,390 10.00	198 1,375 150	1 50 9.61 11,417	6 120,000 12,485 10.51	217 1,903 150	JAR/FAR 25, 1985 *WAT ltd. to 36,155 lb.
265 1,311 150	3 50 10.19 10,982	13 97,500 9,571 8.88	166 845 130	2 50 9.66 10,925	8 110,000 11,390 10.07	198 1,366 150	1 50 9.61 11,375	6 120,000 12,485 10.55	217 1,896 150	JAR/FAR 25, 1985 *WAT ltd. to 36,155 lb.
276 1,273 210	5 50 10.23 12,691	14 105,000 10,261 8.27	178 906 180	4 50 10.28 12,543	9 123,750 12,041 9.87	209 1,394 220	3 50 10.78 13,398	7 140,000 12,982 10.45	226 1,914 210	JAR/FAR 25, 1987 *B/CA estimate.
271 1,116 250	3 50 8.74 12,424	12 97,500 11,158 7.85	193 956 160	2 50 9.64 12,744	9 123,750 12,835 9.71	223 1,416 220	2 50 10.59 12,730	7 140,000 13,222 11.00	230 1,819 250	FAR 25, 1989 *WAT ltd. to 38,000 lb, flaps 15 degrees. Optl HGW vers. avail.
262 1,160 250	5 66 10.21 13,206	15 148,500 14,551 11.25	191 880 150	3 66 10.03 12,664	9 163,350 16,294 12.90	215 1,407 200	2 66 11.35 15,148	8 211,200 18,607 13.94	245 1,893 250	JAR/FAR 25, pending *WAT ltd. to 41,700 lb. All data preliminary.

Aircraft Performance Chart

MANUFACTURER MODEL B/CA EQPD. PRICE	CHARAC-TERISTICS	DIMENSIONS (Feet)		POWER	WEIGHTS (lb)			TAKEOFF	CLIMB		LIMITS	
		External	Internal	Engine Pwr. Output PSI	Max Ramp Max TO Max Land	Zero Fuel BOW Max. Pld.	Max Fuel Pld. M. Fuel Fuel M. Pld.	A/S SL ISA 5,000 + 20°C VMCA VXSE	Rate (fpm)	ALT. (ft.)	VNE VA VFE VLO	
	Seating Seat Pitch Wing Noise	Length Height Span Turn Radius	Length Height Width Bag. Vol/Pass.						All Eng. Eng. Out	All Eng. Eng. Out		
British Aerospace Adv. Turboprop BAe ATP $12,500,000*	4 + 64 31.0 low wing N/A	85.3 23.4 100.5 79.9	63 6.3 8.1	2 P&W PW-126 2,368 shp ea. 5.5	50,700 50,550 49,050	46,800 31,510 15,290	7,905 11,285 3,900	4,700 6,250 92 114	2,080 390	25,000 12,000	223 176 177 168	
British Aerospace BAe 146-100 $21,000,000*	4 + 82 33.0 hi wing 73.1/86.3	85.8 28.3 86.4 37.8	50.6 6.7 11.2 7.4	4 Avco ALF 502R-5 6,970 lb ea. 6.5	84,500 84,000 77,500	68,500 51,300 17,200	20,640 12,560 16,000	3,790 6,730 91 185	2,900 N/A	31,000 21,500	300 205 210 205	
British Aerospace BAe 146-200 $21,500,000*	4 + 100 33.0 hi wing 76.5/86.6	93.8 28.2 86.4 41.2	58.4 6.7 11.2 8	4 Avco ALF 502R-5 6,970 lb ea. 6.5	93,500 93,000 81,000	75,000 52,650 22,350	20,640 20,210 18,500	4,530 10,130 89 193	2,600 N/A	31,000 17,000	295 220 205 205	
Fokker B.V. Fokker 100 $21,500,000*	5 + 107 32.0-- low wing 81.8/93.0	116.6 27.9 92.1 48	69.5 6.6 10.2 8.4	2 RR Tay 15,100 lb ea. 7.45	98,500 98,000 88,000	81,000 55,000 26,000	23,080 20,420 17,500	5,800 10,000 91 136	2,120 N/A	35,000 13,000	320 220 250 200	
British Aerospace BAe 146-300 $22,500,000*	5 + 103 31.0 hi wing 85.7/92.4	101.7 28.2 86.4 45.8	66.2 6.7 11.2 9.7	4 Avco ALF 502R-5 6,970 lb ea. 6.5	98,000 97,500 84,500	78,500 54,850 23,650	20,640 22,510 19,500	6,000 12,000 N/A N/A	N/A N/A	31,000 N/A	295 235 210 205	

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Aircraft Performance Chart

CRUISE	B/CA PRODUCTIVITY FACTORS									NOTES
	75 sm MISSION			150 sm MISSION			275 sm MISSION			
TAS FF FL	Stage/Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stage/Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Stage/Fuel No. Pass. Eng. Hrs. Total Fuel	Total Trips Seat Miles SM/hr SM/lb	BS MF FL	Certification Basis Remarks
262 1,431 180	3 64 8.68 11,952	12 115,200 13,273 9.64	180 996 120	3 64 10.21 14,105	9 158,400 15,509 11.23	211 1,567 170	2 64 11.00 15,039	7 179,200 16,293 11.92	221 2,148 180	JAR 25, 1988 *B/CA estimate.
421 4,730 250	2 82 8.10 33,744	14 172,200 21,266 5.10	225 2,410 140	2 82 9.51 43,959	11 248,050 26,070 5.64	276 3,996 210	2 82 10.65 48,074	10 328,000 30,784 6.82	327 4,807 250	FAR 25, 1983 *B/CA estimate.
421 5,311 250	2 100 8.78 36,699	15 225,000 25,632 6.13	222 2,447 140	3 100 10.27 47,245	12 330,000 32,126 6.98	279 3,937 210	3 100 9.74 47,063	9 360,000 36,964 7.65	322 5,229 250	FAR 25, 1983 *B/CA estimate.
432 4,064 350	3 107 9.14 40,153	16 256,800 28,105 6.40	228 2,510 180	4 107 10.96 48,124	13 382,525 34,912 7.95	284 3,702 280	3 107 9.96 41,780	9 385,200 38,665 9.22	314 4,642 350	JAR/FAR 25, 1987 *B/CA estimate.
432 5,838 250	2 103 8.81 38,598	15 231,750 26,303 6.00	221– 2,573 150	4 103 10.32 48,647	12 339,900 32,936 6.99	278 4,054 200	3 103 9.95 49,391	9 370,800 37,282 7.51	315 5,488 250	FAR 25, 1983 *B/CA estimate.

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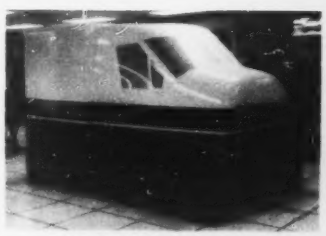
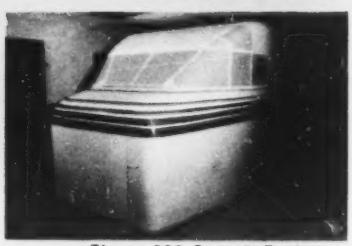


Twin Otter Cockpit Enclosure



Shorts 330 Cockpit Enclosure

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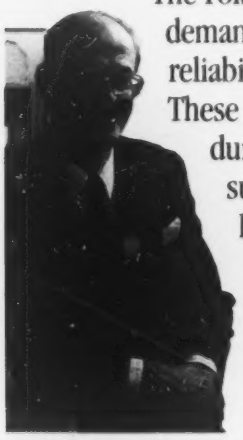

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Ulf Abrahamsson
Vice President Aircraft & Fleet Development
The SAS Group

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Industry Projection

Industry Projection

Projections

Marian Thompson - British Aerospace, Inc.

Regional airlines continued to outperform the rest of the US domestic airline industry in 1989. Domestic traffic carried by the major carriers experienced poor growth over the last two years; passenger enplanements, after declining by 0.3% in 1988, rose by a nominal 0.4% in 1989. On the other hand, regional airline industry passenger enplanements grew by 11% in 1988 and 6% in 1989. The lack of growth of the major airlines has been largely attributed to higher fares, as reflected in yields which were 16.5% higher than in 1987 (still less, in real terms, than in 1985). Regional airlines' revenue passenger miles (RPMs) have shown even stronger growth, outstripping the overall industry by an even greater margin.

However, there are signs that even the regional sector of the industry, while not yet mature, is maturing. Growth is still robust, but far below the spectacular levels that immediately followed deregulation. As with all maturing markets, the enlarging traffic base means that the same amount of additional traffic generated produces a diminishing percentage growth. Additional traffic in absolute terms is also likely to shrink as the market matures, providing less untapped potential. Additionally, airport congestion, if not remedied, will have its own depressive effect on growth. If the regionals are restricted to what has become their traditional role of providing feed to the major airlines, then the industry is fast approaching maturity. Thus, in the absence of a pronounced economic downturn, traffic (RPMs) in the next few years should show growth of around 10% per year, after which growth rates would likely head downward toward the overall expected domestic growth rate of around 3 to 5%.

Nonetheless, opportunities for renewed rapid growth do exist. Given the state of air transportation in the US - routine delays, serious air terminal and air traffic congestion - increased point-to-point service makes inescapable logic. If the regionals can tap into public discontent with congestion and circuitous routing by providing such service on a wider scale, they could experience another period of dramatic growth. This is not to predict the breakdown of the hub and spoke system; that is undoubtedly here to stay. But there is room for a complementary substructure or network of point-to-point routes; indeed, this must be developed if growth is not to be restrained and if efficient and rational use of resources is desired.

The increasing availability of larger, faster aircraft with longer range - either turboprops or jets - gives regional airlines the flexibility to take advantage of this potential in an efficient manner. It also offers potential for some additional growth from feed by allowing them to extend the catchment area with longer spokes, although congested hub airports would still be a constraint. Additionally, as the larger carriers shift their resources to take advantage of international traffic growth, they may find it to their advantage to transfer routes to regionals, or to encourage them to provide point-to-point service so as to free up capacity at their hub airports.

For the regionals, strong links with a major are generally accepted as a key to success. In 1989 the top 50 regionals in the US carried over 96% of regional traffic. Only 7 of these did not have a code sharing agreement with a major carrier. Directly and indirectly the majors control a large proportion - almost 90% - of regional traffic.

Although such relationships have been highly beneficial to both parties, they may also act to constrain regional airline traffic growth. The affiliation of most regionals with a large airline appears to reduce their flexibility to expand outside the feeder role into an area which could put them in competition with their larger and more powerful partner. It is probable that more majors will attempt to wholly own their feeder carriers in order to avert potential conflicts of interest, such as the best use of aircraft equipment and terminal slots.

Fleet

The tremendous surge in recent aircraft orders could produce a temporary over-capacity situation in the early 1990s. To accommodate scheduled deliveries alone, the regionals would require an RPM growth rate this year of over 12%. Excess capacity in the short term could have an adverse effect on load factors, aircraft utilization and profits. As most of this capacity is being added in the 20-40 seat category, it could also signal a premature offloading of 19-seat aircraft. This could in turn lead to the formation of small independent niche carriers.

Nineteen-seat aircraft have served the industry well and will remain an important contributor to US domestic air transportation. However, growing concerns that these aircraft may be limited at certain airports will dampen enthusiasm for their acquisition - whether or not the concerns are realized. Orders may decline over the 1991-1994 timeframe, after which new orders will come from a relatively steady replacement market rather than new markets. New markets will arise but are likely to be balanced by loss of other routes to the 20-40 seat aircraft. Some markets will remain uniquely suited to 19-seat aircraft, so the actual fleet of these aircraft will find an equilibrium level and tend to remain fairly constant around that.

The 20-40 seat category will supplant the 19 seaters as the staple aircraft of the regional fleet. The recent surge of orders for these aircraft will

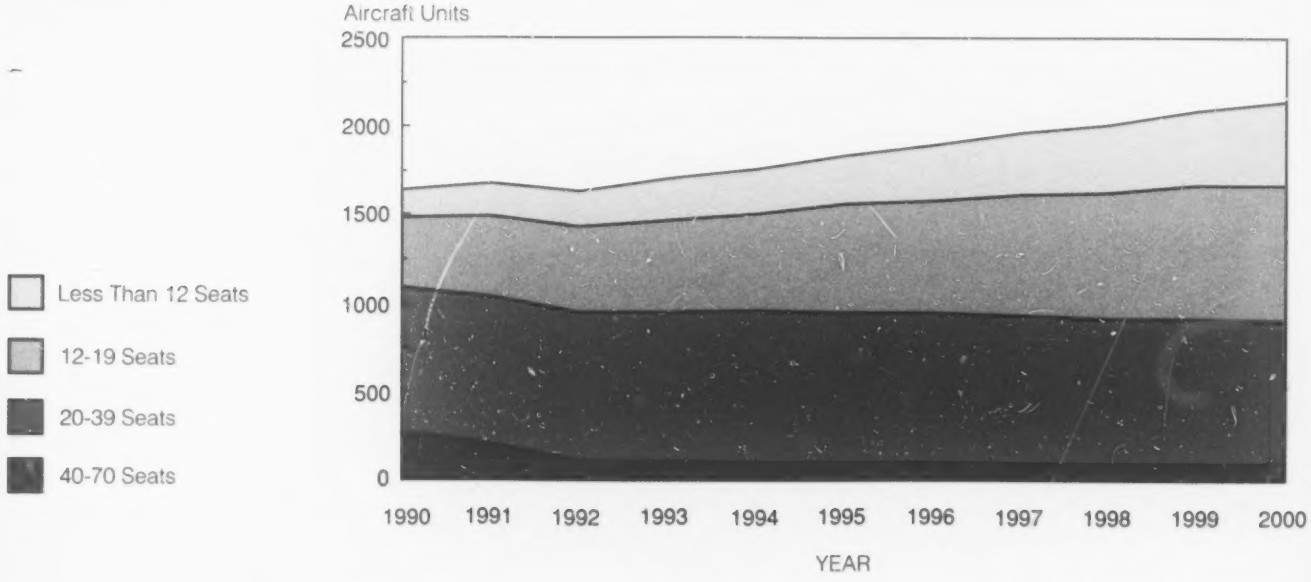
accelerate this process as they replace 19 seaters, perhaps on a one-for-one basis in many instances. This 20-40 seat category is likely to dominate the new aircraft market over the next 5 years or more.

The market for aircraft with more than 40 seats is generally assumed to be an area of growth, but orders and deliveries so far do not bear this out. Nonetheless, the 40-70 seat category could be the next big growth area. If traffic on current 30-seat routes continues to grow strongly then the regionals may seek to shift to larger aircraft on these routes, supplemented by 19 or 30-seaters in weaker markets.

Pressure to provide a comparable standard of service at every level for the airline passenger will continue to exert demands on regional airlines and aircraft. This tends to put a natural ceiling on stage length flown, restrained by the maximum flight time considered acceptable for turboprop equipment. Introduction of small jets and fast turboprops and an increase in point-to-point service would cause the average stage length to grow.

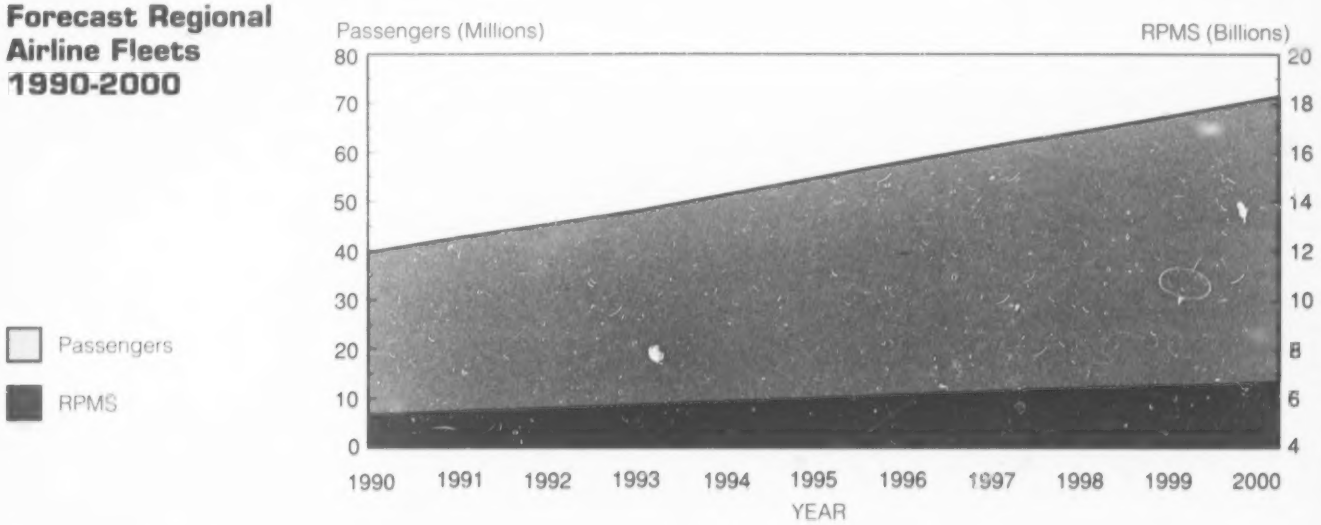
The advent - or some might argue, renaissance - of the regional jet concept opens many opportunities for the regional airline industry and the traveling public, just as the advent of jets opened new opportunities for the airline industry more than 30 years ago. It remains to be seen whether these opportunities can and will be realized. The regional jet concept provides the regionals the most obvious way to expand into new areas of growth; but it is also where they are most likely to come into competition or conflict with their partners. Blurring the distinction between regionals and majors, both in terms of equipment (turboprops vs. jets) and roles (feeder vs. prime carrier) will raise questions for both the majors and the regulatory bureaucracy.

Forecast Regional Airline Fleets 1990-2000

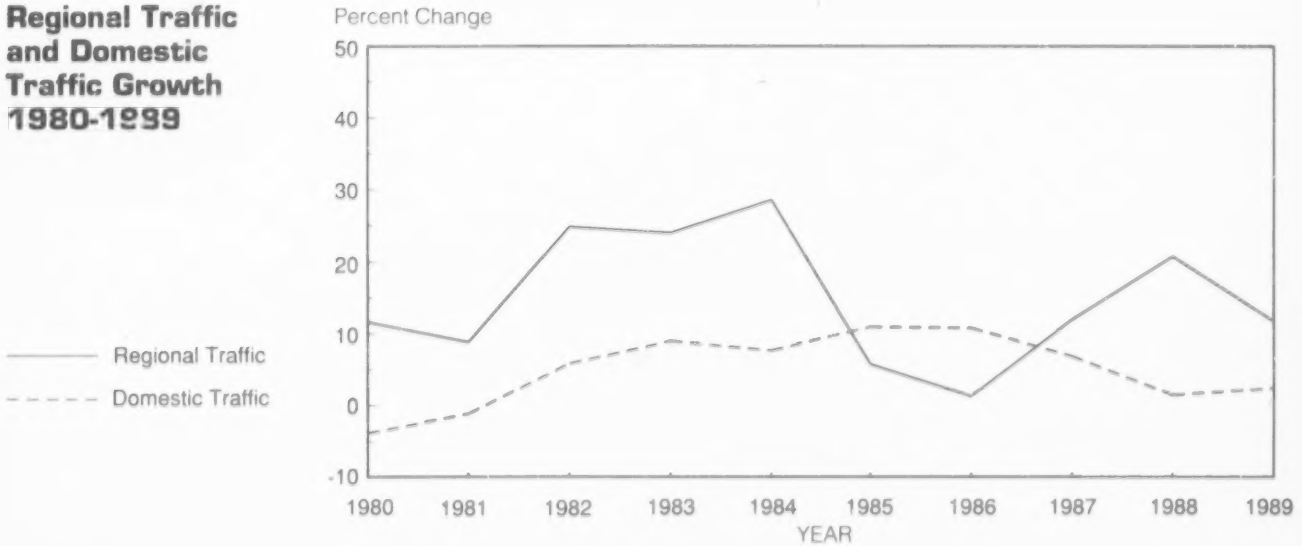


Industry Projection

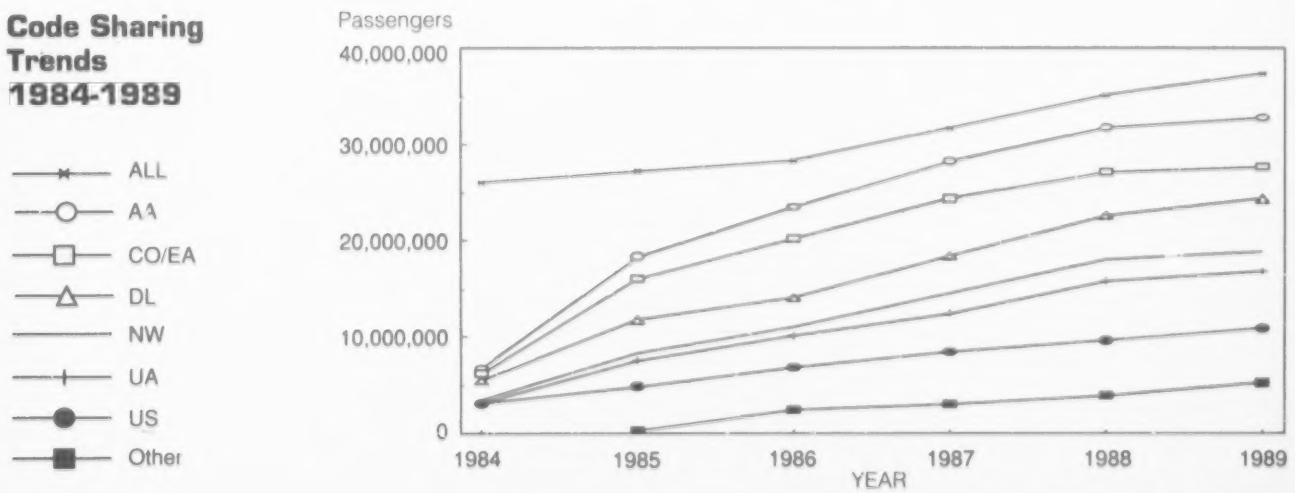
Forecast Regional Airline Fleets 1990-2000

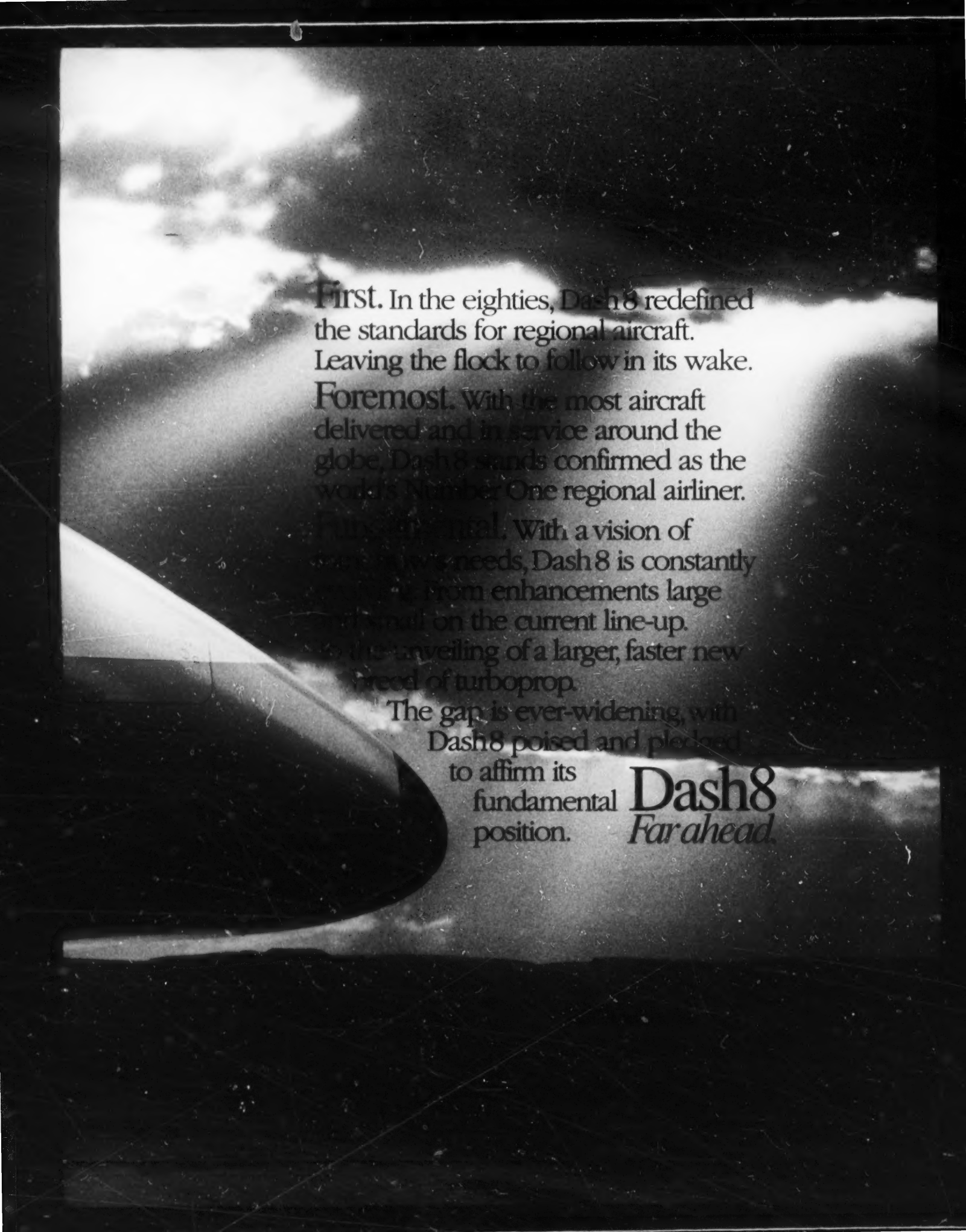


Regional Traffic and Domestic Traffic Growth 1980-1989



Code Sharing Trends 1984-1989

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DC-9
St. Louis, MO (two)
DC-10
Long Beach, CA
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Houston, TX
Jetstream 31
St. Louis, MO
MD-80
Long Beach, CA (two)
St. Louis, MO
MD-88/87
Long Beach, CA
Merlin Metro III
Salt Lake City, UT
San Antonio, TX
St. Louis, MO
Saab 340
San Antonio, TX
St. Louis, MO
Sierra 200
La Guardia Airport, NY
Twin Otter
Toronto, Canada

Under development*

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Boeing 737-300 (EFIS)
Boeing 767-300
Boeing 767-300ER
Dash-8 *(four)*
Embraer 120 *(four)*
Sierra 200 *(two)*
Jetstream 31 *(two)*
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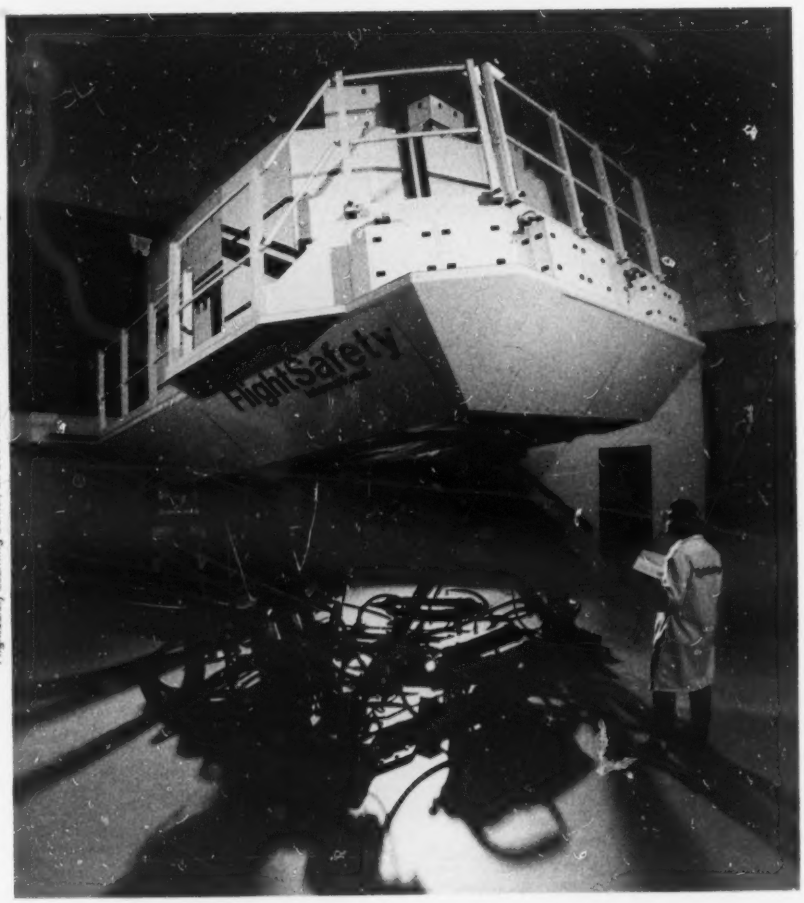

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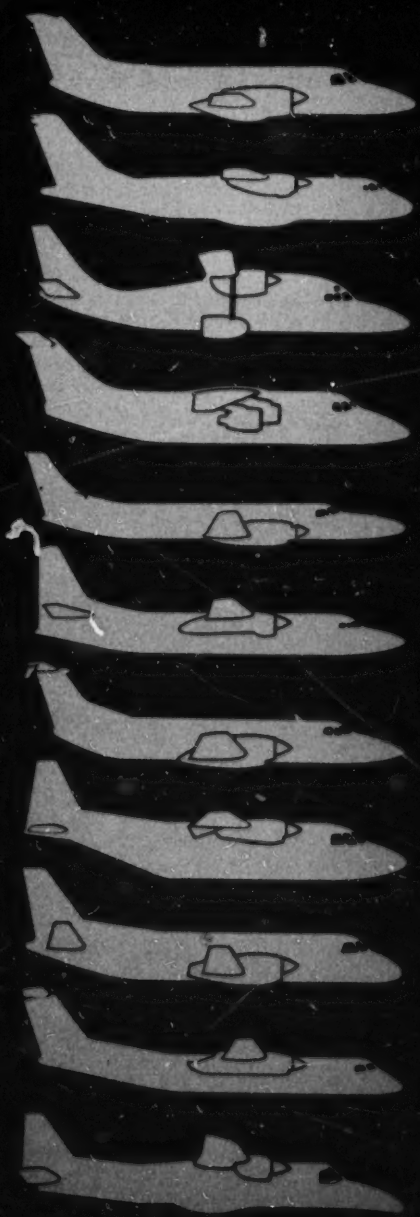

Airline Directory

(U.S. Regional Airlines)

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1601 North Marginal Road, Burke Lakefront Airport, Cleveland, OH 44114-3792
(216) 241-1223; Fax: (216) 696-2127
Clarence Krach, President/General Manager/ Director-Operations; David Whitfield, Chief Pilot
Equipment: Cargo only. 2 Piper Aztecs, 2 Learjets

Action Airlines, Inc. (XQ) (P)
Groton-New London Airport, Groton, CT 06340
(203) 448-1646; Fax: (203) 446-0130
John Rutledge, President; Virginia Rutledge, Secretary; John Bailey, Vice President
Equipment: 3 Piper Navajos, 3 Piper Cherokee Sixes, 2 Piper Senecas

Aero Coach Aviation International, Inc. (DF) (P)
P. O. Box 21604, Ft. Lauderdale, FL 33335
(305) 359-1591; Fax: (305) 359-1001
Thomas P. Cartier, President; Heather Cartier, Vice President/ Secretary; F. R. Knight, Senior V.P.-Administration; Ray Bartel, Director-Maintenance; Chet Hardenburg, Director-Operations; Robert Feldman, Director-Corporate Affairs
Equipment: 33 Cessna 402's

Aero Virgin Islands Corp. (QY) (P)
P. O. Box 546, St. Thomas, VI 00801
(809) 776-8366
Reuben B. Wheatley, President; Cleophas Hodge, Director-Operations/Chief Pilot; Maria Swan, Controller
Equipment: 1 Douglas DC-3

Air Cape, Inc.
(dba Nantucket Airlines)

Air Exchange, Inc. (BS) (C,M)
8008 Cedar Springs, Love Field, Dallas, TX 75235
(214) 352-3309; Fax: (214) 358-3178
Donald Auclair, C.O.B., Van Canfield, Director-Operations; Roger Sykra, Director-Maintenance; Jim Keeling, Chief Pilot
Equipment: Cargo only. 14 Beech Barons, 6 Beech Bonanzas, 2 Cessna 402's

Air Grand Canyon-Yosemite (P)
4511 Empire Avenue, Hangar 5 East, Burbank, CA 91505
(818) 845-0760; Fax: (818) 845-4271
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Equipment: 2 Douglas DC-3's
Note: carrier to commence scheduled operations during 1990.

Air L.A. (UE) (P)
6151 West Century Boulevard, Suite #1114, Los Angeles, CA 90045
(213) 641-1114; Fax: (213) 641-2344
Wayne Schoenfield, President/C.E.O.; William Wolf, V.P.-Marketing; Kenneth Dickey, V.P.-Finance; John Gunnarrson, Director-Operations; William Williams, Director-Maintenance
Equipment: 2 British Aerospace Jetstream 31's

Air Midwest, Inc. (TW*/ZV) (P,C,M)
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(316) 942-8137; Fax: (316) 945-0947
Robert L. Priddy, President/C.E.O.; John S. Myers, Senior Vice President/C.F.O.; John R. Walters, Senior V.P./C.O.O.; Robert Dynan, Vice President; Fred Oxley, Vice President; Dick Paquette, Staff V.P.; Robert Dynan, Counsel
Equipment: 22 Fairchild Metros, 10 Embraer Brasilias, 7 Saab 340's, 3 British Aerospace Jetstream 31's

Air Nevada Airlines, Inc. (LW) (P)
(dba Air Nevada)
P. O. Box 11105, Las Vegas, NV 89111
(702) 736-2702; Fax: (702) 795-8116
Myron L. Caplan, President; Lewis A. Kaplan, Senior V.P.-Operations; Brenda L. Caplan, V.P.-Passenger Service; Bruce Thomsen, V.P.-Finance; James McMillan, V.P.-Flight Operations; Bill Dexheimer, Director-Maintenance
Equipment: 10 Cessna 402's, 3 Cessna 207's

Air Resorts Airlines (UZ) (P,C)
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(619) 438-3600; Fax: (619) 438-4926
Henry R. Voss, Senior V.P.-Airline Division/ General Manager; Joe Morgan, Director-Operations; Rick Shellnutt, Director-Maintenance; JoAnne Russo, Director-Inflight; John Spencer, Chief Pilot; Ray Lucas, Chief Inspector; Andy Bank, Chief Dispatcher
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(206) 378-3133
Chris Marsden, President/Director-Operations; Jamie Marsden, Secretary/ Treasurer; Chuck Ferrell, Director-Maintenance
Equipment: 4 Cessna 172's, 2 Piper Senecas, 1 Cessna 182, 1Cessna 207

Air Sedona (UJ) (P,C)
1225 Airport Road, Suite #3, Sedona, AZ 86336
(602) 282-7935
Jack Seeley, President; Judy Seeley, Vice President
Equipment: 1 Cessna 182, 1 Cessna 207

Air Sunshine, Inc. (YI) (P)
P. O. Box 2237, Ft. Lauderdale, FL 33335-2237
(305) 434-8900
Alan Adili, President; Mohammad Adili, Secretary/Treasurer/ General Manager
Equipment: 5 Cessna 402's

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Air Vegas, Inc. (6V) (P)
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James Petty, President/General Manager; Dale Claxon, Vice President; James Cruson, Director-Operations; Steve Bushey, Director-Maintenance; Mike Halloran, Chief Pilot
Equipment: 2 Cessna 402's

Air Wisconsin (UA*/ZW) (P,C,M)
(dba United Express)
203 Challenger Drive, Appleton, WI 54915
(414) 739-5123; Fax: (414) 739-9722
Preston H. Wilbourne, C.O.B./President/ C.E.O.; William J. Andres, Executive V.P./ C.O.O.; William H. Geenen, V.P.-Finance/ Treasurer; John McBryan, V.P.-Maintenance; Steve Leonard, V.P.-Flight Operations; James Jansen, V.P.-Traffic; Jack Mason, V.P.-Marketing; Kathy Comins, Vice President/ Secretary; Watson Whiteside, V.P.-Public Affairs
Equipment: 14 Fokker F-27's, 10 British Aerospace 146's, 5 Shorts 360's

Airpac Airlines, Inc. (RI) (C)
7277 Perimeter Road South, Seattle, WA 98103
(206) 762-8006; Fax: (206) 762-6357
Greg Thompson, President; Steve Gatto, Operations Manager; Terry Smith, Chief Pilot
Equipment: Cargo only: 6 Piper Senecas, 5 Piper Navajos, 3 Cessna 404's, 1 Beech 99

Airplanes, Inc.
(dba Cal-West Airlines)

Airtran Corporation
(dba Mesaba Airlines)

Airways International, Inc. (HO) (P,C)
474 Hunting Lodge Drive, Miami Springs, FL 33166
(305) 887-2794; Fax: (305) 871-6522
Izad Djahanshahi, President/General Manager; Therese Djahanshahi, Secretary/Treasurer; William Kubiak, Director-Operations; Mohamad Alishahi, Director-Maintenance; Tracy Pendleton, Director-Marketing; Omar Inguanzo, Director-Finance
Equipment: 12 Cessna 402's

Alaska Airlines Commuter
See individual listings for:
Bering Air, Inc.
ERA Aviation
Horizon Air Industries, Inc.
L.A.B. Flying Service, Inc.
Temsco Airlines, Inc.

Alaska Juneau Aeronautics, Inc.
(dba Wings of Alaska)

Allegheny Commuter Airlines, Inc. (US*) (P,C,M)
(Subsidiary - USAir Group, Inc.)
(dba USAir Express)
P. O. Box 1201, Reading, PA 19603
(215) 375-8551; Fax: (215) 320-7495
Frederick J. Arnold, President/C.E.O.; David W. Gross, V.P.-Operations; Joseph E. Green, V.P.-Maintenance; Charles W. Linck, V.P.-Planning/Analysis
Equipment: 11 Shorts 330's, 4 Shorts 360's, 3 Fokker F-27's

Alliance Airlines (3A) (P)
9420 West 52nd Street, Kenosha, WI 53142
(414) 658-1300
James Beardsley, President/Director-Operations; Carolyne Beardsley, Secretary/Treasurer; John Miller, Director-Maintenance
Equipment: 2 Cessna 404's, 1 Cessna 202

Aloha Islandair, Inc. (AQ*/WP) (P,C)
(Subsidiary - Aloha Air Group, Inc.)
Commuter Terminal, Honolulu International Airport, Honolulu, HI 96819
(808) 836-7693; Fax: (808) 833-5498
James I. Williamson, President; Fook Ki Lau, Director-Maintenance; Riley Dickey, Director-Operations; Mary Duryea, Controller
Equipment: 8 deHavilland Twin Otters

Alpha Aviation, Inc. (7V) (P)
(dba Alpha Air)
6661 West Imperial Highway, Los Angeles, CA 90045
(213) 322-9882; Fax: (213) 322-8452
Alan Berenstein, President; Anne Berenstein, Secretary; Jim Marshall, Director-Operations; Vladimir Novotny, Director-Maintenance; Charles Hurtz, Chief Pilot
Equipment: 1 Beech 1900, 1 Cessna 402

Alpine Air (5A) (P,C)
Provo Municipal Airport, P. O. Box 691, Provo, UT 84603
(801) 373-1508; Fax: (801) 373-6728
Eugene R. Mallette, President; Larry Reinarz, Vice President; Max Hansen, Secretary/Treasurer
Equipment: 1 Piper Navajo, 1 Piper Archer; Cargo only: 4 Piper Navajos, 1 Piper Lance

AMR Eagle, Inc. (AA*)
(Subsidiary - AMR Corp.)
(dba American Eagle)
P. O. Box 619616, DFW Airport, TX 75261-9616
(817) 355-1294; Fax: (817) 967-4024
Robert E. Martens, President; Richard S. Nelson, V.P.-Marketing; David L. Ewing, V.P.-Field Services; John D. Nicks, V.P.-Administration; William P. Folger, V.P.-Finance; James D. Murphy, V.P.-Planning; H. M. Strange, V.P.-Operations
See individual listings for:
Chaparral Airlines, Inc.
Command Airways, Inc.
Executive Air Charter, Inc.
Metroflight, Inc.
Nashville Eagle, Inc.
Simmons Airlines
Wings West Airlines, Inc.

American International Resorts, Inc.
(dba Air L.A.)

Ameriflight, Inc. (C,M)
4700 Empire Avenue, Hangar 1, Burbank, CA 91505
(818) 980-5005; Fax: (818) 980-5018
Gary Richards, President; John W. Hazlet, Jr., Vice President/ Director-Operations; Charles Beaton, Vice President/Director-Maintenance; Bill Loveday, Director-Marketing; Stuart Schrock, Chief Pilot
Equipment: Cargo only: 40 Piper Navajos, 24 Beech 99's, 17 Piper Lances, 6 Piper Arrows, 5 Piper Aztecs, 4 Learjets, 3 Cessna 208's, 3 Piper Cherokee Sixes, 1 Dassault Falcon, 1 Beech King Air

Aspen Airways, Inc. (UA*/AP) (P,C,M)
(subsidiary - Air Wisconsin)
(dba United Express)
3980 Quebec Street, Denver, CO 80207
(303) 320-4747; Fax: (303) 329-4414
John Skousen, President
Equipment: 2 British Aerospace 146's

Atlantic Aero, Inc.
(dba Mid-Atlantic Freight)

Atlantic Coast Airlines (UA*) (P,C,M)
(Division - WestAir Commuter Airlines, Inc.)
(dba United Express)
111-M Carpenter Drive, Suite #8, Sterling, VA 22170
(703) 709-0096; Fax: (703) 709-0722
Timothy J. Flynn, C.O.B./C.E.O.; Kerry Skeen, President; Paul Rasmussen, Senior V.P.-Flight Operations; Harlow Voorhees, V.P.-Operations; Daryl Gault, V.P.-Legal; Bob Hanson, V.P.-Technical Services; V. J. Adams, Director-Maintenance
Equipment: 3 Embraer Brasilias, 3 British Aerospace Jetstream 31's

Atlantic Southeast Airlines, Inc. (DL*/EV) (P,C)
(dba Delta Connection)
1688 Phoenix Parkway, College Park, GA 30349
(404) 996-4562; Fax: (404) 991-0366
George F. Pickett, Jr., President; John W. Beiser, Senior V.P.-Sales/Service; Sam Watts, V.P.-Customer Service; Ronald V. Sapp, V.P.-Finance; T. M. Shanahan, V.P.-Flight Operations; Susan P. Dial, Assistant V.P.-Fiscal; James P. Trebes, Assistant V.P.-Engineering
Equipment: 36 Embraer Brasilias, 13 Embraer Bandeirantes, 4 deHavilland Dash 7's

Aviation Associates, Inc. (EA*/OY) (P,C,M)
(Subsidiary - Metro Airlines, Inc.)
(dba Eastern Metro Express)
P. O. Box 1686, Kingshill, St. Croix, VI 00850
(809) 778-9200; Fax: (809) 778-8916
Charles M. Billman, President/C.O.O.; Ed Buckley, Staff V.P.-Marketing; John Holden, Director-Flight Operations; Ramon Rodriguez, Director-Maintenance; Alan McGee, Director-Passenger Services; Peggye Kujanpaa, Director-Personnel
Equipment: 6 deHavilland Twin Otters

Baker Aviation, Inc. (8B) (P,C,M)
P. O. Box 708, Kotzebue, AK 99752
(907) 442-3108; Fax: (907) 442-2745
Marjorie Baker, President; John Baker, Vice President; Lori Baker, Secretary; Marcia Baker, Treasurer
Equipment: 4 Cessna 207's, 2 Cessna 402's, 1 Cessna 206

Bankair, Inc. (JA) (C,M)
2406 Edmond Highway, West Columbia, SC 29169
(803) 794-7384; Fax: (803) 822-8775
John Dickerson, President/Director-Operations; Tom Damour, Director-Maintenance
Equipment: Cargo only: 5 Mitsubishi MU-2's, 4 Aero Commanders, 4 Cessna 402's, 3 Piper Senecas, 3 Cessna 404's, 1 Piper Cherokee Six, 1 Jet Commander

Bar Harbor Airlines, Inc. (CO*/EA*/QO) (P,C)
(Subsidiary - Texas Air Corp.)
(dba Continental/Eastern Express)
1301 Fannin, Suite 1425, Houston, TX 77002
(713) 853-9700; Fax: (713) 853-9777
Neal F. Meehan, President; Thomas Barber, Regional President; Richard Rushmore, V.P./General Manager-North/South Divisions; Gil B. Roberts, V.P.-Operations/Technical Services; Debra K. Cline, V.P.-Finance/Administration; Lance E. Perrin, V.P.-Marketing; Greg D. Aretakis, V.P.-Pricing/Scheduling
Equipment: 14 Beech 99's, 13 Beech 1900's, 13 Aerospatiale 42's, 6 Saab 340's

Barrow Air, Inc. (6Q) (P,C,M)
P. O. Box 943, Barrow, AK 99723
(907) 852-2334; Fax: (907) 852-2338
J. A. Pederson, President; Molly Pederson, Vice President; Mike Aamott, Secretary/Treasurer; Ellen Paneok, Chief Pilot
Equipment: 3 Cessna 207's

B.A.S. Airlines (GS) (P)
Youngstown Municipal Airport, Youngstown, OH 54903
(216) 856-5030
Jacoub Basha, President; George Basha, Director-Operations; Haim Nahas, Secretary/Treasurer
Equipment: 1 Piper Navajo

Airline Directory

(U.S. Regional Airlines)

Basler Flight Service, Inc. (C)
255 West 35th Avenue, Oshkosh, WI 54901
(414) 235-7820; Fax: (414) 235-0381
Warren Basler, President/General Manager/Director-Operations; Patricia Basler, Treasurer; Mike Basler, Vice President; Neil Auer, Director-Maintenance; Steve Yantz, Chief Pilot
Equipment: Cargo only: 4 Douglas DC-3's, 2 Convair 440's, 2 Beech 18's, 1 Douglas Turbo DC-3, 1 Beech Baron

Beaver Aviation Services, Inc.
(dba B.A.S. Airlines)

Bellair, Inc. (5B) (P,C,M)
P. O. Box 371, Sitka, AK 99835
(907) 747-8636; Fax: (907) 747-6090
Ken Bellows, President/Director-Operations; Damon Schmidt, Director-Maintenance; Dee Hanson, Secretary/Treasurer
Equipment: 2 Cessna 185's, 2 deHavilland Beavers, 1 Cessna 180

Bemidji Aviation Services, Inc. (CH) (P,C)
(dba Bemidji Airlines)
P. O. Box 624, Bemidji, MN 56601
(218) 751-1880
Larry A. Diffley, President; Barbara Berggren, Executive V.P.; Mark E. Shough, Vice President; Henri P. Verbrugghen, Director-Operations; C. John Strand, Director-Maintenance
Equipment: 2 Beech Queen Airs; Cargo only: 4 Beech Queen Airs, 2 Beech 99's, 1 Piper Aztec

Bering Air, Inc. (AS*/8E) (P,C,M)
(dba Alaska Airlines Commuter)
P. O. Box 1650, Nome, AK 99762
(907) 443-5422; Fax: (907) 443-5919
James D. Rowe, President/Director-Operations; Christine Rowe, Treasurer; Richard Stern, General Manager; David Olson, Director-Flight Operations; Al Haddadi, Director-Maintenance; Doug Holee, Chief Pilot
Equipment: 4 Cessna 207's, 3 Piper Navajos, 2 Piper T-1020's, 1 Cessna 206; Cargo only: 3 Beech 18's

Big Sky Transportation Co. (NW*/GQ) (P,C,M)
(dba Northwest Airlink)
P. O. Box 31397, Billings, MT 59107
(406) 245-9449; Fax: (406) 259-8750
Terry D. Marshall, President/C.E.O.; Gregory J. Peterson, V.P.-Finance/C.F.O.; Craig R. Denney, V.P.-Service; Jack Juhola, Director-Flight Operations; Steve Halverson, Director-Maintenance; Michael E. Higgason, Director-Customer Service
Equipment: 3 Fairchild Metros, 3 Cessna 402's

Bighorn Airways, Inc. (6B) (C)
P. O. Box 4027, Sheridan, WY 82801
(307) 672-3421; Fax: (307) 674-4468
Bob Eisle, President/Director-Operations; Marvin Johnson, Director-Maintenance; Forrest Asmus, Chief Pilot
Equipment: Cargo only: 2 CASA 212's, 2 Turbo Commanders, 1 Cessna 340, 1 Piper Navajo, 1 Cessna 206, 1 Cessna 210, 1 Bell 206

Blackhawk Airways, Inc. (EP) (C)
P. O. Box 744, Rock County Airport, Janesville, WI 53547
(608) 756-1000
Richard Wixom, President/Director-Operations; Kevin Wixom, Director-Maintenance; Jeff Larsen, Chief Pilot
Equipment: Cargo only: 5 Beech 18's, 2 Beech Barons, 1 Piper Navajo, 1 Beech King Air

Borinquen Air/Air Puerto Rico (3B) (C)
P. O. Box 37309, Luis Munoz Marin International Airport, Isla Verde, PR 00937-7309
(809) 791-5060; Fax: (809) 791-8600
Sixto Diaz Saldana, President/Director-Operations/Chief Pilot; Sixto Diaz Nieves, V.P.-Operations; Luis A. Nieves, V.P.-Marketing; Moises Otero, Director-Maintenance
Equipment: Cargo only: 1 Douglas DC-3, 1 Beech 18

Britt Airways, Inc. (CO*) (P,C,M)
(Subsidiary - Texas Air Corp.)
(dba Continental Express)
17340 Chanute Road, Houston, TX 77032
(713) 230-6600; Fax: (713) 230-6654
Neal F. Meehan; President; John Prendergast, Regional President; Steven Schlachter, V.P./General Manager-Houston Hub; Connie Lanker, V.P./General Manger-Cleveland Hub; Gil B. Roberts, V.P.-Operations/Technical Services; Debra K. Cline, V.P.- Finance/Administration; Lance E. Perrin, V.P.-Marketing; Greg D. Aretakis, V.P.-Pricing/Scheduling
Equipment: 20 Embraer Brasilias, 4 Aerospatiale ATR-42's

Business Express, Inc. (DL*/HQ) (P)
(dba Delta Connection)
Building 85-172, Bradley International Airport, Windsor Locks, CT 06096
(203) 292-6500; Fax: (203) 627-5418
James McManus, Chairman/C.E.O.; Frank Arciuolo, Vice President-Marketing; John O'Brien, V.P.-Operations; James Malski, V.P.-Finance; Chester Hooper, V.P.-Maintenance
Equipment: 18 Beech 1900's, 12 Shorts 360's, 11 Saab 340's

California Air Shuttle (7Q) (P,C)
3481 West Fifth Street, Oxnard, CA 93030
(805) 984-2515; Fax: (805) 984-1158
Michael E. Minson, C.O.B.; Steven S. Lay, President; Wayne Johnson, Director-Maintenance; Henry W. Martin, Director-Operations; Swing Lindsey, Chief Pilot
Equipment: 3 Fairchild Metros

Cal-West Airlines (FN) (P,C)
81 John Glenn Drive, Concord, CA 94520
(415) 825-3544; Fax: (415) 825-9581
Dean Hanson, Managing Director; Joyce Schroeder, V.P.-Operations; Robert Whiteley, Director-Operations; Richard Chaloner, Director-Maintenance; Robert Zapalac, Chief Pilot
Equipment: 5 Piper Navajos

Camai Air (3C) (P,C,M)
P. O. Box 787, Bethel, AK 99559
(907) 543-4040; Fax: (907) 543-2369
William C. Angiak, President; John Watts, III, V.P.-Operations; Richard S. Hughey, Director-Maintenance; Ronald L. Dudley, Chief Pilot
Equipment: 6 Piper Cherokee Sixes, 1 Cessna 206, 1 Cessna 172, 1 Cessna 207

Cape Air (9K) (P)
Barnstable Municipal Airport, Hyannis, MA 02601
(508) 775-8171; Fax: (508) 775-8664
Daniel Wolf, President; Cindy Silva, Director-Stations
Equipment: 2 Cessna 402's

Cape Smythe Air Service, Inc. (6C) (P,C,M)
P. O. Box 549, Barrow, AK 99723
(907) 852-8333; Fax: (907) 852-8332
Thomas P. Brower, C.O.B./C.E.O.; Grant B. Thompson, Vice President/General Manager; John R. Kruse, Director-Maintenance/Secretary; Bill Fischer, Director-Operations; Dorcas J. Thompson, Treasurer; Jeff Frier, Controller; James Hittson, Chief Pilot
Equipment: 6 Piper Navajos, 6 Cessna 207's, 2 deHavilland Twin Otters, 2 Cessna 185's, 1 Piper T-1040

CCAir, Inc. (US*/ED) (P)
(dba USAir Express)
9401 Arrowpoint Boulevard, Suite 300, Charlotte, NC 28217
(704) 527-7670; Fax: (704) 527-0433
Roy H. Hagerty, Chairman/President/C.E.O.; Virginia V. Bennett, V.P.-Finance/Administration; Emmett C. Merricks, V.P.-Operations & Maintenance; J. Edward Bacon, V.P.-Sales/Service
Equipment: 15 Shorts 360's, 15 British Aerospace Jetstream 31's, 2 Beech 99's

Central States Airlines, Inc. (PS) (P,C)
P. O. Box 42533, Cleveland, OH 44143
(216) 289-4150; Fax: (216) 289-4166
James C. Boldt, Vice President/C.O.O.; Robert W. Kuhlenschmidt, V.P.-Service/Industry Affairs; Thomas L. Tuel, V.P.-Flight Operations; Robert Haake, Director-Maintenance; Mike De Busk, Director-Stations; J. Todd Stoneman, Director-Reservations
Equipment: 2 British Aerospace Jetstream 31's

Chalk's International Airlines, Inc.
(dba Paradise Island Airlines)

Champlain Enterprises, Inc.
(dba Commutair)

Chaparral Airlines, Inc. (AA*/FC) (P,C,M)
(Subsidiary - Metro Airlines, Inc.)
(dba American Eagle)
P. O. Box 206, Abilene, TX 79604

(915) 675-8000; Fax: (915) 675-0943
A. D. Bowen, C.E.O.; Clark Stevens, President/C.O.O.; Robert G. Vick, V.P.-Traffic/Development; James A. Shaw, V.P.-Flight Operations; Charles W. Cole, V.P.-Maintenance; Jerry Cunningham, Controller; Jean Graves, Director-Human Resources
Equipment: 15 British Aerospace Jetstream 31's, 5 Grumman G1-C's

Chart Air, Inc.
(dba Air San Juan)

Chautauqua Airlines, Inc. (US*) (P,C,M)
(dba USAir Express)
R.D. 1, Chautauqua County Airport, Jamestown, NY 14701
(716) 664-2400; Fax: (716) 484-8700
E. Joel Hall, President; Gloria B. Hall, Executive V.P.; Thomas Hall, Senior V.P.; Timothy Coon, Controller; James Muroski, Director-Maintenance; Ronald Graff, Director-Flight Operations
Equipment: 10 Fairchild Metros, 3 Beech 99's, 2 Saab 340's

Chitina Air Service (P,C,M)
P. O. Box 720, Cordova, AK 99574
(907) 424-3534; Fax: (907) 424-3170
Gary Graham, President/Director-Operations
Equipment: 3 Cessna 206's, 2 Cessna 206 Turbos, 1 Cessna 207, 1 Cessna 185, 1 deHavilland Beaver, 1 Piper Navajo

Christman Air System (SX) (P,C)
P. O. Box 776, Davis School Road, Washington, PA 15301
(412) 225-4000; Fax: (412) 225-2936
Walter Christman, President; Tim Akey, Director-Maintenance; Jim Corbett, Director-Flight Operations; Thom Yohe, Chief Pilot; Audrey Christman, Manager-Revenue Accounting
Equipment: 1 Beech 99, 1 Embraer Bandeirante

Classic Airlines/Salair Cargo, Inc. (8S) (P,C,M)
3406 South Davidson Boulevard, Spokane, WA 99204
(509) 838-0058; Fax: (509) 747-1716
Joseph Salerno, President; Bruce G. Salerno, General Manager/ Secretary/Treasurer; Paul M. Salerno, Vice President/Director-Operations
Equipment: 2 Douglas DC-3's, Cargo only: 6 Douglas DC-3's, 3 Convair 440's
Note: Carrier plans to begin scheduled operations during 1990.

Clearwater Flying Service, Inc.
(dba Empire Airways)

Coastal Air Transport, Inc. (DQ) (P,C)
P. O. Box 3985, Christiansted, St. Croix, VI 00822
(809) 773-6862; Fax: (809) 773-3399
Michael W. Foster, President; Julie Thomas, Vice President; Patrick Foster, Chief Pilot
Equipment: 1 Cessna 402

Coastal Airlines, Inc.
(dba National Air)

Coastal Airways (PN) (P,C)
1246 Old Olympic Highway, Sequim, WA 98382
(206) 683-4444; Fax: (206) 683-1813
Jack Sallee, President/Director-Operations; Joe Sallee, Vice President; Andrew Sallee, Vice President; Winnie Sallee, Secretary/Treasurer; Bob Page, Director-Maintenance
Equipment: 3 Cessna 402's

Comair, Inc. (DL*/OH) (P,C,M)
(dba Delta Connection)
P. O. Box 75021, Cincinnati, OH 45275
(606) 525-2550; Fax: (606) 525-3420
David R. Mueller, President/C.E.O.; David Siebenburgen, Executive V.P./C.O.O./C.F.O.; Mike Stuart, Senior V.P.-Aircraft Operations; Chuck Curran, Senior V.P.-Marketing; Randy Radamacher, V.P.-Finance; Ralph Martin, V.P.-Maintenance; Linda Landers, V.P.-Customer Service
Equipment: 22 Fairchild Metros, 19 Saab 340's, 12 Embraer Brasilias, 10 Embraer Bandeirantes

Command Airways, Inc. (AA*/DD) (P,C,M)
(Subsidiary - AMR Corp.)
(dba American Eagle)
263 New Hackensack Road, Wappingers Falls, NY 12590
(914) 462-6100; Fax: (914) 462-6050
Bawa Singh, President; J. Kevin LaWare, V.P.-Flight; Gary E. Schuler, V.P.-Maintenance; Peggy A. Arnold, V.P.-Finance; Ann E. Dudley, V.P.-Field Services; Elizabeth F. Gephart, V.P.-Marketing
Equipment: 6 Shorts 330's, 6 Shorts 360's, 5 Aerospatiale 42's

Commutair (US*) (P)
(dba USAir Express)
Clinton County Airport, Plattsburgh, NY 12901
(518) 562-2700; Fax: (518) 562-8030
Anthony Von Elbe, Chairman/C.E.O.; John A. Sullivan, Jr., President; James Drollette, Executive V.P.; Robert Houghton, Director-Maintenance
Equipment: 5 Beech 1900's

Conquest Airlines Corp. (5C) (P)
2215 Redwood Avenue, Austin, TX 78723
(512) 929-9300; Fax: (512) 929-9312
Victor M. Rivas, C.O.B./President/C.E.O.; Rafael Rivas, Vice President/C.O.O.; Ken Skinner, Chief Pilot
Equipment: 9 Beech 1900's

Continental Express
See individual Listings for:
Bar Harbor Airlines, Inc.
Britt Airways, Inc.
Rocky Mountain Airways, Inc.
Southern Jersey Airways, Inc.

Cook Inlet Aviation, Inc.
(dba Inlet Airlines)

Corporate Air (C)
P. O. Box 30998, Billings, MT 59107-0998
(406) 248-1541; Fax: (406) 248-7670
Michael Overstreet, President/C.E.O.; Robert McIver, Vice President; James K. Shollenberger, Secretary; Linda Overstreet, Treasurer; Roger Grey, Director-Maintenance; Doug Parrott, Director-Operations/Chief Pilot
Equipment: Cargo only: 32 Cessna 208's, 4 deHavilland Twin Otters, 1 Beech 99

Corporate Air, Inc. (DN) (C,M)
Building 85-159, Bradley International Airport, Windsor Locks, CT 06096
(203) 623-9119; Fax: (203) 623-7386
Barry Lutin, President/C.E.O.; Leman Wright, V.P.-Operations; Bruce Tischer, Director-Flight Operations; John Grier, Director-Maintenance; William Schwartz, Controller
Equipment: Cargo only: 10 Mitsubishi MU-2's, 5 Piper Aztecs, 2 Beech Barons, 1 Piper Navajo

Crown Airways, Inc. (US*) (P,C,M)
(dba USAir Express)
DuBois-Jefferson County Airport, P. O. Box 377, Falls Creek, PA 15840
(814) 371-2691; Fax: (814) 328-2365
Philip R. Burnaman, C.O.B., A. J. Beiga, President; Chuck Steeber, Director-Flight Operations; Robert Bish, Director-Maintenance; Ruthan Beaumont, Controller; Darrell Mitchell, Chief Pilot; Linda Covey, Chief Flight Attendant
Equipment: 4 Shorts 330's, 3 deHavilland Twin Otters

CSA Air, Inc. (C)
(Subsidiary-Air Transportation Holding Co.)
Ford Airport, Iron Mountain, MI 49801
(906) 774-1661; Fax: (906) 774-3101
Wayne Ross, General Manager; Robert Wilhelm, Director-Operations; Robert Kirchma, Director-Maintenance; Loren Strand, Chief Pilot
Equipment: Cargo only: 17 Cessna 208's

Cumberland Air, Inc. (NQ) (P,C,M)
P. O. Box 1611, Cumberland, MD 21502
(304) 738-8640; Fax: (304) 738-0447
Anthony Steele, C.O.B.; A. D. Nicholson, President/Director-Operations; Donna L. Wade, Vice President; Carol F. Kenney, Secretary; Ken Growden, Director-Maintenance; Dan Costello, Chief Pilot
Equipment: 7 Piper Navajos

Delta Connection
See individual listings for:
Atlantic Southeast Airlines, Inc.
Business Express, Inc.
Comair
SkyWest Airlines, Inc.

Direct Air, Inc. (UO) (P)
Route 8, Hangar 42, West Perimeter Road, Ft. Wayne, IN 46809
(219) 747-6265
Will Davis, President; Steve Williams, V.P.-Market/Customer Service; Doug Rothermund, Director-Operations
Equipment: 1 Piper Navajo

Airline Directory

(U.S. Regional Airlines)

Discovery Airways, Inc. (DH) (P)
90 Nakolo Place, Honolulu, HI 96819
(808) 836-0282; Fax: (808) 839-4805
Kenneth F. B. Char, C.O.B.; Franco Mancassola, Vice Chairman; Donald Straight, President; Norman Dargie, Senior V.P.-Maintenance; Kenneth Liss, V.P.-Finance; Larry Prater, Controller; Rand Rodgers, Treasurer
Equipment: 5 British Aerospace 146's
Note: carrier to commence scheduled operations during 1990

Drummond Island Air (QQ) (P)
Townline Road, Drummond Island, MI 49726
(906) 493-5767; Fax: (906) 493-5775
Bruce Varda, C.E.O.; James Bailey, President; Ken Smith, Director-Maintenance; Paul Bender, Chief Inspector; Mike Nerad, Chief Pilot
Equipment: 3 deHavilland Twin Otters, 3 Piper Navajos

East Hampton Aire (IN) (P,C)
P. O. Box CCC, East Hampton, NY 11937
(516) 537-3555; Fax: (516) 537-2072
George Gordon, President; Mike Decker, General Manager; Arthur Horn, Director-Maintenance; Bill Bushy, Chief Pilot
Equipment: 2 Beech 99's, 1 Beech 1900

Eastern Express
See individual listings for:
Aviation Associates, Inc.
Bar Harbor Airlines, Inc.
Eastern Metro Express

Edgartown Air, Inc. (3D) (P,C)
R.F.D. Box 328, Edgartown, MA 02539
(508) 627-9631
Michael D. Madeiros, President/Director-Operations/Chief Pilot; Nikki E. Madeiros, Vice President/Treasurer; John H. Steidinger, Director-Maintenance
Equipment: 3 Britten Norman Islanders

Emerald Airlines, Inc. (OD) (P,M)
3144 Bee Caves Road, Austin, TX 78746
(512) 328-1620; Fax: (512) 328-7254
Wallace Graner, President/C.E.O.; Robert L. Grand, General Manager/C.O.O.; Stanley A. Cooper, V.P.-Operations; Mark Izydore, V.P.-Finance/C.F.O.; Chick Thornton, V.P.-Technical Services; Dave Chaney, Director-Quality Control
Equipment: 5 McDonnell Douglas DC-9's

Empire Airways (EM) (P,C)
11101 Airport Drive, Hayden Lake, ID 83835-9781
(208) 772-4048; Fax: (208) 772-7892
Mel Spelde, President; David Holloway, V.P.-Operations; Robin Bevis, Controller; Robert Rasmussen, Director-Operations; Steve Foster, Director-Maintenance; Robin Ball, Director-Interline Sales
Equipment: 5 deHavilland Twin Otters, 3 Fairchild Metros, 1 Fairchild 27, Cargo only: 1 Fokker F-27, 1 Fairchild F-27, 15 Cessna 208's

Enterprise Airlines, Inc. (BA*/BE) (P)
P. O. Box 75037, Greater Cincinnati International Airport, Cincinnati, OH 45275
(606) 283-3283; Fax: (606) 283-3279
Patrick Sowers, President/C.E.O.; Tom Scherpenburg, V.P.-Finance/ C.F.O.; Tom McElhinney, V.P.-Development; Mike Jacobs, Director-Operations; Phil Carrell, Director-Maintenance; Mike Cason, Chief Pilot
Equipment: 5 Cessna Citations

ERA Aviation (AS*/7H) (P,C,M)
(dba Alaska Airlines Commuter)
6160 South Airpark Drive, Anchorage, AK 99502
(907) 248-4422; Fax: (907) 266-8350
Dave Baumeister, President; Jim Vande Voorde, V.P.-Fixed Wing; Wilbur O'Brian, V.P.-Rotary Wing; Chuck Johnson, Executive V.P.; Dana Rudd, V.P.-Maintenance; Jack Birmingham, Vice President; John Finotti, C.F.O./Controller
Equipment: 8 deHavilland Twin Otters, 4 Convair 580's

Exec Express II, Inc. (AD) (P)
131 East Exchange Avenue, Suite 222, Ft. Worth, TX 76106
(817) 625-7050; Fax: (817) 626-9011
Philip H. Trenary, President/C.E.O.; Cynthia L. Saunders, General Manager; Robert M. Rice, Director-Finance; Jack D. Buttress, Director-Operations; Laurie Rice, Director-Passenger Services; Don Boughamer, Director-Maintenance
Equipment: 9 Piper Navajos, 3 Piper T-1020's, 1 Beech 99

Executive Air Charter, Inc. (AA*/NA) (P)
(Subsidiary - AMR Corp.)
(dba American Eagle)
P. O. Box 38082, Airport Station, San Juan, PR 00937-0082
(809) 791-8070; Fax: (809) 791-3907
Jose Facundo, President; Raul Lopez, V.P.-Maintenance; Mike Martinez, V.P.-Sales/Marketing; Jose Machado, Director-Operations; Andres Pacheco, Director-Maintenance; Cecilio Rivera, Director-Stations; Jacques Vachon, Controller
Equipment: 9 CASA 212's, 5 Aerospatiale ATR-42's, 1 Aerospatiale ATR-72

Express Air, Inc. (FX) (P,C)
New Bedford Municipal Airport, New Bedford, MA 02746
(508) 994-9982; Fax: (508) 991-3266
Ben Garneau, President/Treasurer; Dorothy Santos, Secretary; Anthony Antunes, Director-Operations; Ed Novak, Director-Maintenance
Equipment: 4 Cessna 402's

Express Airlines I, Inc. (NW*) (P)
(dba Northwest Airlink)
1777 Phoenix Parkway, Suite 303, Atlanta, GA 30349
(404) 991-3300; Fax: (404) 991-0127
Michael J. Brady, President/C.O.B./C.E.O.; H. Eugene Belcher, Executive V.P.; Elton R. McKenzie, Executive V.P./C.F.O.; James W. Whitaker, V.P.-Maintenance; Bruce Langsen, V.P.-Customer Service; David C. Lowe, Director-Marketing
Equipment: 25 British Aerospace Jetstream 31's, 15 Saab 340's

Flamenco Airways, Inc. (FK) (P,M)
P. O. Box 224, Culebra, PR 00645
(809) 722-0237; Fax: (809) 722-0237
Noemi Gonzalez, President; Edwin Tabales, Vice President; Herberto Maldonado, Director-Operations; William Gonzalez, Director-Maintenance
Equipment: 6 Britten Norman Islanders; Cargo only: 2 Douglas DC-3's, 1 Britten Norman Trislander

Flight Line, Inc. (EC) (C)
P. O. Box 2468, Jackson, MS 32905
(601) 932-2255; Fax: (601) 932-2255 x429
Dennis M. Miller, President/Director-Operations; William E. Powers, Vice President; Thomas L. Kerr, Treasurer; Jerry Roan, Director-Maintenance
Equipment: Cargo only: 5 Embraer Bandeirantes, 5 Cessna 402's, 4 Beech Barons, 2 Piper T-1040's, 1 Beech King Air

Flight Trails, Inc.
(dba Air Resorts Airlines)

Frontier Flying Service, Inc. (2F) (P,C,M)
3820 University Avenue, Fairbanks, AK 99709-3820
(907) 474-0014; Fax: (907) 474-0774
John Hajdukovich, President; Gerald Kocer, Director-Operations; John F. Hajdukovich, Assistant Director-Operations
Equipment: 5 Piper Navajos, 2 Beech 99's, 1 Douglas DC-3, 1 Cessna 207, 1 Piper T-1040, 1 Dornier 228

GP Express Airlines, Inc. (8G) (P,C)
Central Nebraska Regional Airport, Hangar 112, P. O. Box 218, Grand Island, NE 68802-0218
(308) 382-6911
George Poullos, President; Jody Poullos, Vice President; Tom Kaiser, Executive V.P./General Manager; Jeff Pereira, Director-Maintenance; Michelle Fitzke, Director-Stations; Maureen Hansen, Director-Revenue Accounting; George Felton, Chief Pilot;
Equipment: 6 Cessna 402's, 2 Beech 99's; Cargo only: 1 Cessna 402

Grand Airways, Inc. (QD) (P)
5700 South Haven Street, Suite #136, Las Vegas, NV 89119
(702) 796-6666; Fax: (702) 736-4051
Shahid Saddiqi, President/Director-Operations; Jack Hadjinian, Secretary; James White, Treasurer; Steve Kerr, Director-Maintenance
Equipment: 2 Cessna 402's

Grand Canyon Airlines, Inc. (YE) (P)
P. O. Box 3038, Grand Canyon Airport, Grand Canyon, AZ 86023
(602) 638-2463; Fax: (602) 638-9461

Ronald L. Warren, C.O.O./General Manager; Robert J. Donaldson, Director-Flight Operations; Larry V. Stevenson, Director-Aircraft Maintenance; Ruth E. Davis, Director-Sales/Marketing
Equipment: 3 deHavilland Twin Otters
Note: Carrier does not provide scheduled service.

Great Lakes Aviation, Ltd. (ZK) (P,C,M)
R.R. 3, P. O. Box 115A, Spencer Municipal Airport, Spencer, IA 51301-9211
(712) 262-7734; Fax: (712) 262-7215
Douglas G. Voss, C.E.O.; Richard Fontaine, C.O.O.; Michael Tuinstra, C.F.O.; Dean Cook, V.P.-Operations; Steve Moyer, V.P.-Maintenance; Ray Wieland, Director-Maintenance; Mike Hirsch, Chief Pilot
Equipment: 7 Beech 1900's, 3 Beech 99's

Gulfstream Airlines, Inc. (7G) (P,C)
P. O. Box 751, South Windsor, CT 06074
(203) 644-4024; Fax (203) 647-7171
Mark Butler, President; John F. Butler, Executive V.P.; Arthur Clough, V.P.-Finance; Barbara Clough, Secretary
Equipment: 2 Piper Navajos, 1 Piper Aztec

Gulkana Air Service (P,C,M)
P. O. Box 31, Glenallen, AK 99588
(907) 822-5532
Kenneth Bunch, President; Evelyn Bunch, Office Manager
Equipment: 2 Cessna 185's, 1 Cessna 402, 1 Cessna 206

Haines Airways, Inc. (7A) (P,C,M)
P. O. Box 470, Haines, AK 99827
(907) 766-2646; Fax: (907) 766-2614
Michael Shallcross, C.E.O.; Raymond Willard, President; Barbara Shallcross, Vice President; Boyd Hoops, Director-Operations; Midge Stokely, Secretary; Paul Franz, Chief Pilot
Equipment: 3 Piper Cherokee Sixes, 1 Piper Cherokee, 1 Cessna 182

Harbor Air Service, Inc. (8H) (P,C,M)
P. O. Box 269, Seward, AK 99664
(907) 224-3133; Fax: (907) 224-3679
Linda K. Pfleger, President; Ludwig H. Pfleger, Vice President
Equipment: 2 Cessna 207's

Harbor Airlines, Inc. (HG) (P)
P. O. Box 160, Oak Harbor, WA 98277
(206) 675-8444
Jerry Patterson, President; William Hildebrand, Director-Operations/Chief Pilot; Todd Shinn, Director-Maintenance; Sheryl Horless, Director-Marketing; Marylin Core, Controller
Equipment: 3 Piper Navajos

Helicopter Air Services, Inc.
(dba Trump Air)

Helitrans Air Service, Inc. (IU) (P,C)
3501 Lakewood Boulevard, Long Beach, CA 90808
(213) 420-2128; Fax: (213) 429-5507
Leslie G. Stevens, President; Lloyd Stevens, Director-Industry Affairs
Equipment: 3 Aerospatiale 350's

Henson Aviation, Inc. (US*) (P,C,M)
(Subsidiary - USAir Group, Inc.)
(dba USAir Express)
Salisbury/Wicomico County Airport, Salisbury, MD 21801
(301) 742-2996; Fax: (301) 546-2440
Richard A. Henson, C.O.B.; John Leonard, President; Steven R. Farrow, V.P.-Flight Operations; John W. Presburg, V.P.-Planning/Customer Service; Norman S. Grubb, V.P.-Maintenance; Robert R. Pfrommer, V.P.-Customer Services; R. Greg Miller, Staff V.P.-Personnel Services
Equipment: 33 deHavilland Dash 8's, 5 deHavilland Dash 7's

Hermen's/Markair Express
(dba Markair Express)

Horizon Air, Inc.
(dba Mohawk Airlines)

Horizon Air Industries, Inc. (AS*/NW*/QX) (P,C,M)
(Subsidiary - Alaska Air Group, Inc.)
(dba Alaska Airlines Commuter/Northwest Airlink)
19521 Pacific Highway South, Seattle, WA 98188
(206) 241-6757; Fax: (206) 431-4696
John F. Kelly, President/C.E.O.; George D. Bagley, Senior V.P.-Operations; William S. Ayer, V.P.-Marketing/Planning; Dennis Decker, V.P.-Stations; Ken Hobby, V.P.-Maintenance/Engineering; John C. Kehoe, Vice President/Controller; Arthur C. Thomas, Vice President/Secretary/General Counsel
Equipment: 31 Fairchild Metros, 13 deHavilland Dash 8's, 3 Fokker F-28's

Hub Express, Inc. (5E) (P)
(dba Hub Express Airlines)
Minute Man Air Field, Stow, MA 01775
(508) 897-7053; Fax: (508) 897-7465
George A. Kean, III, C.O.B.; Morris E. Flater, President; Gary Rolfe, Director-Operations; Bruce Harting, Director-Maintenance; Nancy Armstrong, Director-Administration; Glenn Brown, Chief Pilot; Jeff Stranger, Manager-Interline Marketing
Equipment: 2 Bell 206L-1's, 2 Bell 206B-3's

Hyannis Air Service
(dba Cape Air)

Iliamna Air Taxi, Inc. (LS) (P,C,M)
P. O. Box 109, Iliamna, AK 99606-0109
(907) 571-1248; Fax: (907) 571-1244
Timothy J. LaPorte, President; Nancy L. LaPorte, Vice President
Equipment: 2 Cessna 207's, 2 deHavilland Beavers

Inlet Airlines, Inc. (4G) (P,C,M)
P. O. Box 175, Homer, AK 99603
(907) 235-8163; Fax: (907) 235-5277
Dennis Rothgeb, President; Barbara Rothgeb, Vice President; Robert Robinson, Director-Maintenance; Robert Kallenberg, Jr., Chief Pilot
Equipment: 2 Cessna 207's, 1 Cessna 172, 1 Cessna 206, 1 Piper Aztec, 1 Piper Apache

Iowa Airways, Inc. (JT) (P,C)
43W 730 U.S. 30, Suite 204, Sugar Grove, IL 60554
(708) 466-9600; Fax: (708) 466-9602
A. Jack Schaps, C.E.O.; H. Wayne Hughes, President; Jan Horne, Director-Operations; Mark L. McKinney, Director-Maintenance; Eldon Wright, Chief Pilot
Equipment: 5 Embraer Bandeirantes

Jet Express (JI/TW*) (P)
(dba Trans World Express)
Bader Field Airport, Albany Avenue, Atlantic City, NJ 08401
(609) 345-2230; Fax: (609) 345-2537
Kenneth J. Carlson, C.E.O.; William Kutzke, President; J. Peter Cienkowski, Vice President/Director-Operations; Steve Da Costa, Director-Maintenance; Pat Swift, Director-Stations; Cathy Suttie, Controller; Donald Sullivan, Chief Pilot
Equipment: 3 CASA 212's

Jetstream International Airlines (US*) (P)
(Subsidiary - USAir Group, Inc.)
(dba USAir Express)
6520 Poe Avenue, Suite 400, Dayton, OH 45414
(513) 454-1116; Fax: (513) 454-0653
Keith D. Houk, President/C.E.O.; Albert D. Schroeck, V.P.-Finance; Timothy G. Keuscher, V.P./Director-Operations; James L. Haarbauer, V.P.-Maintenance/Engineering
Equipment: 31 British Aerospace Jetstream 31's

JIB, Inc.
(dba Action Airlines, Inc.)

Kenmore Air Harbor, Inc. (5K) (P)
P. O. Box 64, Kenmore, WA 98028
(206) 486-1257; Fax: (206) 486-5471
R. B. Munro, President; Bill Peters, Director-Maintenance; Gregg Munro, Manager, Flight Operations
Equipment: 10 deHavilland Beavers, 4 Cessna 180's, 1 Cessna 206

Kenosha Aero, Inc.
(dba Alliance Airlines)

Ketchikan Air Service, Inc. (6S) (P,C,M)
Airport Terminal Building, Suite 1600, Ketchikan, AK 99901
(907) 225-6608; Fax: (907) 247-6608
Michael B. Salazar, President; Diane Langlier, Vice President; Brie Salazar, V.P.-Marketing; Glenn Earls, Director-Operations/Maintenance; Sam James, Chief Pilot
Equipment: 2 deHavilland Beavers, 1 Cessna 206, 1 Cessna 185

Kitty Hawk Airways, Inc.
(See Skyfreighters Corp.)

Airline Directory

(U.S. Regional Airlines)

L.A.B. Flying Service, Inc. (AS*/JF) (P,C,M)
(dba Alaska Airlines Commuter)
P. O. Box 272, Haines, AK 99827-0272
(907) 766-2222; Fax: (907) 766-2734
Layton A. Bennett, President; Lynn N. Bennett, Vice President; Agnes W. Bennett, Secretary/Treasurer; Peggy S. Ormasen, V.P.-Marketing
Equipment: 8 Piper Cherokees, 7 Piper Cherokee Sixes, 3 Piper Lances, 2 Piper Senecas, 2 Britten Norman Islanders, 1 Piper Navajo

Lake Union Air Service, Inc. (7L) (P,C)
950 Westlake Avenue North, Seattle, WA 98109
(206) 284-0300; Fax: (206) 283-2414
Bruce Levin, President; Rick Taylor, General Manager; Patrick Tuttle, Director-Operations; Robert Ritchie, Director-Maintenance; Dave Vinnage, Chief Pilot
Equipment: 10 deHavilland Beavers, 1 deHavilland Twin Otter

Laredo Air, Inc. (5L) (P,C,M)
407 Maher Avenue, Laredo International Airport, Laredo, TX 78041
(512) 721-0717; Fax: (512) 721-0721
Wolf Hofman, President/General Manager; Charles Taylor, Secretary; Randy Lynn, Director-Maintenance; John Lucente, Director-Operations
Equipment: 2 Convair 440's
Note: Carrier to commence scheduled operations during 1990.

Larry's Flying Service, Inc. (7K) (P,C,M)
3822 South University Avenue, Fairbanks, AK 99709
(907) 474-9169; Fax: (907) 474-8815
Larry Chenaille, President, Ed Peoples, Director-Operations; Merlin Barkdull, Director-Maintenance; Jean Chenaille, Secretary/Treasurer; Gary Tedretty, Chief Pilot
Equipment: 6 Piper Navajos, 2 Cessna 207's, 2 Piper Cherokee Sixes, 1 Piper Aztec, 1 Britten Norman Islander

Las Vegas Airlines, Inc. (6G) (P)
P. O. Box 15105, Las Vegas, NV 89114
(702) 735-8007; Fax: (702) 647-1846
Donald J. Donohue, Sr., President/C.O.B.; Donald J. Donohue, Jr., Managing Director; David R. Drake, Director-Maintenance
Equipment: 5 Piper Navajos

L'Express, Inc. (4X) (P,C)
1919 Veterans Boulevard, Kenner, LA 70062
(504) 466-0245; Fax: (504) 466-2502
Norman K. McInnis, President/C.E.O.; Roscoe Sprinkel, Vice President/General Manager; Eric Norton, V.P.-Operations; Carl J. Tackett, V.P.-Maintenance/Customer Service; James Clark, V.P.-Planning/Special Products
Equipment: 4 Beech 99's, 4 Beech 1900's

Long Island Airlines (YL) (P,C)
1300 New Highway, Republic Airport, Farmingdale, NY 11735-1526
(516) 752-8300; Fax: (516) 694-0172
Michael S. Peragine, President; Philip Jensen, General Manager; Michael Olvaney, Director-Operations; Judy Hosek, Supervisor-Customer Services; Donna Northrup, Controller
Equipment: 3 deHavilland Twin Otters, 2 Piper Navajos, 1 Beech Baron, 1 Beech Bonanza

Markair Express (BF*/2E) (P,C,M)
(Subsidiary - Markair, Inc.)
P. O. Box 7010, Bethel, AK 99559
(907) 543-4490; Fax: (907) 543-2162
Richard Nelson, President/C.O.O.; Bill Ward, Vice President/ General Manager; Wayne Peterson, Director-Operations; William Livingston, Director-Maintenance; Steve Muchovic, Chief Pilot
Equipment: 30 Cessna 207's, 11 Cessna 208's, 3 deHavilland Twin Otters

Mesa Airlines, Inc. (YV/UA*) (P)
(dba United Express)
1296 West Navajo Street, Farmington, NM 87401
(505) 327-0271; Fax: (505) 325-1331
Larry L. Risley, President/C.E.O.; Janie Risley, Executive V.P.; Blaine M. Jones, Treasurer
Equipment: 10 Beech 1300's, 6 Beech 1900's, 2 Cessna 208's

Also see individual listing for Skyway Airlines

Mesaba Airlines (NW*/XJ) (P,C,M)
(dba Northwest Airlink)
7501 26th Avenue South, Minneapolis, MN 55450
(612) 726-5151; Fax: (612) 726-5151 ext. 325
Robert D. Swenson, President/C.E.O.; Patrick J. Thompson, Senior V.P.-Operations; Kenneth P. Bronson, V.P.-Finance/Treasurer; Keith Clow, V.P.-Maintenance/Engineering; Richard A. Lawrence, V.P.-Flight Operations; Philip L. Swenson, V.P.-Planning/Marketing; Michael R. Wind, V.P.-Ground/Inflight Services; Lawrence E. McCabe, V.P.-Corporate/Government Affairs
Equipment: 16 Fairchild Metros, 14 Fokker F-27's

Metro Airlines, Inc. (HY) (P,C,M)
1700 West 20th Street, P. O. Box 612626, DFW Airport, TX 75261-2626
(214) 453-4400; Fax: (214) 453-4444
E. A. Henderson, Chairman/C.E.O.; J. L. Seaborn, President/ C.O.O.; Peter B. McKee, Senior V.P./C.F.O.; Arlene Dean, Senior V.P.-Human Resources; Brian K. Miller, Controller/Treasurer

Also see individual listings for:
Aviation Associates, Inc.
Chaparral Airlines, Inc.
Metro Express, Inc.
Metro Express II
Metro Airlines Northeast, Inc. (NY)
Metro Airlines Northeast, Inc. (VT)
Metroflight, Inc.
Starlite Express

Metro Airlines Northeast, Inc. (NY) (SS/TW*) (P,C,M)
(Subsidiary - Metro Airlines, Inc.)
(dba Trans World Express)
Clinton County Airport, Plattsburgh, NY 12901
(518) 561-5305; Fax: (518) 561-5305
Douglas J. Caldwell, President; Andrew N. Price, Senior V.P./ General Manager; Philip A. Green, V.P.-Passenger Sales/Service; Patrick J. Donnelly, Director-Scheduling/Pricing; Ross McLean, Director-Flight Operations; Frank Leagon, Director-Maintenance
Equipment: 11 Beech 1900's

Metro Airlines Northeast, Inc. (VT) (SS/TW*) (P,C,M)
(Subsidiary - Metro Airlines, Inc.)
(dba Trans World Express)
One Calkins Court, South Burlington, VT 05403
(802) 658-5071; Fax: (802) 658-9609
Douglas J. Caldwell, President; Andrew N. Price, Senior V.P./General Manager; William Sumner, V.P.-Flight Operations; Donald Nicholson, Director-Maintenance; Loren L. Sweet, Director-Passenger Sales; Edward C. Zura, Director-Human Resources; Susan A. Dorey, Controller
Equipment: 10 Saab 340's

Metro Express, Inc. (EA*) (P,C,M)
(Subsidiary - Metro Airlines, Inc.)
(dba Eastern Metro Express)
4854 Old National Highway, Suite 200, Atlanta, GA 30337
(404) 559-9888
Robert E. Phillips, President/C.O.O.; John S. Stork, Jr., V.P.-Marketing; Asa Williams, V.P.-Maintenance; Curtis Williams, V.P.-Customer Sales/Service; Harry Shuler, Director-Flight Operations; Kent Hartley, Director-Human Resources; Chris Zawada, Jr., Controller
Equipment: 22 British Aerospace Jetstream 31's, 8 deHavilland Dash 8's

Metro Express II
(dba Starlite Express)

Metroflight, Inc. (AA*/FY) (P,C,M)
(Subsidiary - Metro Airlines, Inc.)
(dba American Eagle)
1700 West 20th Street., P. O. Box 612626, DFW Airport, TX 75261
(214) 453-4400; Fax: (214) 453-4455
J. Jeffrey Spear, President/C.O.O.; Ed Criner, V.P.-Flight Operations; Harry Johnson, V.P.-Maintenance; Paul Bergman, V.P.-Marketing; George Johnson, Director-Passenger Services; Steve Nikolas, Director-Human Resources; Kevin Craig, Controller
Equipment: 20 Saab 340's

Michigan Airways, Inc.
(dba Drummond Island Air)

MidAtlantic Airlines Corp.
New Castle County Airport, 151 North Dupont Parkway, New Castle, DE 19720-3119

(301) 392-4129
Michael J. Donigian, President; Paul A. Smith, Director-Operations; Thomas H. Gorman, Director-Maintenance; Jeffrey D. McKaughan, Director-Stations
Equipment: 2 Fairchild Metros
Note: Carrier to commence scheduled operations during 1990.

Mid-Atlantic Freight (C)
P. O. Box 35408, Greensboro, NC 27425
(919) 668-0411; Fax: (919) 668-4434
Don S. Godwin, President; Dick H. Forrester, Executive V.P./ General Manager; Charles V. Warren, Director-Flight Operations/ Training; Jerry Hughes, Director-Maintenance; Tom Ellison, Director-Marketing; Michael Dayberry, Chief Pilot; R. R. Walker, Chief Pilot;
Equipment: Cargo only: 23 Cessna Caravans, 3 Cessna 500's, 1 Cessna 310

Midway Airlines (1987), Inc. (ML*) (P,C,M)
(Subsidiary - Midway Airlines, Inc.)
(dba Midway Commuter)
900 Capital Airport Drive, Springfield, IL 62707
(217) 789-0095; Fax: (217) 789-0095
Richard E. Pfennig, President; Armando Cardenas, V.P.-Operations; Gordon Jones, V.P.-Maintenance; Mark Fischer, V.P.-Customer Service; Mark Zweidinger, Director-Operations; Craig Anderson, Director-Maintenance; Gerard Terpstra, Director-Quality Control; Mark Lampert, Director-Stations
Equipment: 21 Dornier 228's

Midwest Aviation (WV) (P,C)
R.R. 4, P. O. Box 16C, Marshall, MN 56258
(507) 532-3164; Fax: (507) 532-5881
Ray Johnson, President; Marlys Johnson, Vice President; Norman Schnieder, Chief Mechanic; Charlotte Thooft, General Office Manager
Equipment: 2 Piper Navajos, 1 Piper Aztec, 1 Beech Bonanza

Midwest Express Connection
See individual listing for:
Skyway Airlines

Mohawk Airlines (ZO) (P,C)
731 James Street, Syracuse, NY 13203
(315) 470-4400; Fax: (315) 470-4440
Robert Peach, President; John Barkett, Executive V.P.; John Purdy, V.P.-Operations; James Rishel, V.P.-Finance; James McManmon, V.P.-Maintenance
Equipment: 8 Beech 99's, 2 Beech 1900's

Montauk-Caribbean Airways, Inc.
(dba Long Island Airlines)

Mountain Air Cargo, Inc. (MB) (C)
(Subsidiary-Air Transportation Holding Co.)
P. O. Box 488, Denver, NC 28037
(704) 464-8741; Fax: (704) 465-5281
David Clark, C.E.O.; Bill Simpson, President; Hugh Bingham, Executive V.P.; Menda Street, V.P.-Operations; John Gioffre, Secretary/Treasurer; Bob Brady, Director-Operations; Sam Street, Chief Pilot
Equipment: Cargo only: 32 Cessna 208's, 12 Fokker F-27's, 3 Shorts 330's, 2 deHavilland Twin Otters, 1 Beech 99

Nantucket Airlines (DV) (P,C)
Nantucket Memorial Airport, Nantucket, MA 02554
(508) 228-6234; Fax: (508) 778-1870
Charles R. Harris, President; W. Scott LaForge, Director-Operations
Equipment: 4 Cessna 402's

Nashville Eagle, Inc. (AA*/8N) (P,C,M)
(Subsidiary - AMR Corp.)
(dba American Eagle)
International Plaza, 2 International Drive, Suite 900, Nashville, TN 37217
(615) 399-6318; Fax: (615) 399-6384
John Hayes, President; R. J. Gray, V.P.-Flight Operations; D. W. Shockey, V.P.-Maintenance
Equipment: 29 Fairchild Metros, 25 British Aerospace Jetstream 31's

National Air (C)
6871 Airport Drive, Riverside, CA 92504
(714) 689-2272; Fax: (714) 352-1123
David Miller, President; Peter Schultz, Vice President; Gordon Long, Director-Operations/General Manager; Rick Suel, Director-Maintenance; Tanya Anderlik, Controller; Douglas Alm, Chief Pilot; James Linkous, Chief Pilot
Equipment: Cargo only: 2 Casa 212's

National Park Airways, Inc.
(dba Air Grand Canyon-Yosemite)

New England Airlines, Inc. (EJ) (P,C)
Westerly State Airport, Westerly, RI 02891
(401) 596-2460
William G. Bendokas, President/Treasurer; Lois J. Bendokas, Vice President/ Secretary
Equipment: 5 Piper Cherokee Sixes, 2 Britten Norman Islanders, 1 Piper Cherokee

New York Helicopter Corp. (HD) (P,C)
North Avenue, Garden City, NY 11530
(516) 228-8300; Fax: (516) 228-8449
Donald J. Gault, President; Peter M. McGann, Executive V.P./ C.F.O.; Patrick Mallen, V.P.-Technical Services; Robert Chaves, V.P.-Flight Operations; Kirsten Reichert, V.P.-Sales/Marketing
Equipment: 3 Sikorsky 58's

Northcoast Executive Airlines, Inc. (5N) (P)
9900 Springboro Pike, P. O. Box 409, Miamisburg, OH 45343
(513) 433-3222; Fax: (513) 433-7026
Calvin Humphrey, President/C.E.O.; C. Michael Dacy, Executive V.P./General Manager; John Jackson, V.P.-Finance; Mary Kundar, Director-Operations; Joe Lolly, Director-Maintenance; Dick Hardy, Chief Pilot
Equipment: 1 Fairchild Metro

Northeast Express Regional Airlines (NW*/ 2V) (P,C,M)
(dba Northwest Airlink)
136 Union Street, Bangor, ME 04401
(207) 942-9303; Fax: (207) 942-9304
Allyn J. Caruso, President; John Gallichon, Executive V.P.; F. Cash, Director-Operations; Peter Robsham, Director-Maintenance; Leon Pepuls, Director-Finance
Equipment: 4 Beech 99's

Northwest Airlink
See individual listings for:
Big Sky Transportation Co.
Express Airlines I, Inc.
Horizon Air Industries, Inc.
Mesaba Airlines
Northeast Express Regional Airlines
Precision Valley Aviation, Inc.

NPA, Inc. (UA*) (P,C,M)
(Subsidiary - WestAir Holding, Inc.)
(dba United Express)
1135 East Hillsboro, Pasco, WA 99301
(509) 545-6420; Fax: (509) 547-5617
Timothy P. Flynn, C.O.B./C.E.O.; Craig Belmondo, President; Tim Komberec, V.P.-Operations; Dennis Berry, V.P.-Customer Service; Doug Yost, V.P.-Maintenance
Equipment: 20 British Aerospace Jetstream 31's, 3 Embraer Brasilias

Olson Air Service, Inc. (4B) (P,C,M)
P. O. Box 142, Nome, AK 99762
(907) 443-2229
David K. Olson, President; Donald C. Olson, Vice President; Margaret C. Olson, Treasurer; Karol Olson, Secretary
Equipment: 3 Cessna 207's; Cargo only: 1 deHavilland Otter

Orca Air, Inc.
(dba Chitina Air Service)

Pacific Coast Airlines, Inc. (PQ) (P)
4600 Campus Drive, Suite 103, Newport Beach, CA 92660
(714) 261-1600; Fax: (714) 833-1955
Carl Strombitski, President/C.E.O.; Lisa Cosenza, Executive V.P.; Peter Seidenberg, Vice President; Jerry Steering, Vice President
Equipment: 3 Piper Navajos

Pan Am Express, Inc. (PA*) (P)
(Subsidiary - Pan Am Corp.)
Northeast Philadelphia Airport, Grant Avenue & Ashton Road, Philadelphia, PA 19114
(215) 961-2200; Fax: (215) 677-5992
William R. Lange, President; David E. Ferrucci, Executive V.P.; Michael J. Mulqueen, V.P.-Finance/Administration; Douglas Olsen, V.P.-Maintenance
Equipment: 12 deHavilland Dash 7's, 10 Aerospatiale ATR-42's

Airline Directory

(U.S. Regional Airlines)

Panama Aviation, Inc. (6A) (P,C)
(dba Panama Airways)
3173 Airport Road, Panama City, FL 32405
(904) 785-1234
John McMinis, President/Director-Operations; Mike Yeager, Director-Maintenance
Equipment: 3 Piper Navajos

Panorama Air (PV) (P)
100 Kaulele Place, Honolulu, HI 96819
(808) 836-2122; Fax: (808) 834-2115
Ralph McClosky, President; Jay Richards, Director-Marketing/Sales; Kenneth Fletcher, Director-Operations; George Tanoue, Director-Maintenance; Doug Heisner, Chief Pilot
Equipment: 8 Piper Navajos

Papillon Airways, Inc. (HI) (P,C)
(dba Papillon-Grand Canyon Helicopters)
P. O. Box 455, Grand Canyon, AZ 86023
(602) 638-2419; Fax: (602) 638-9349
Elling Halvorson, President; Miles Becker, General Manager/ Director-Operations; Charles Bassett, Director-Maintenance; Gary Sexton, Director-Marketing; Rick Carrick, Chief Pilot
Equipment: 11 Bell 206's

Paradise Island Airlines (BK) (P)
P. O. Box 35010, 1550 S.W. 43rd Street, Ft. Lauderdale, FL 33304
(305) 524-0333; Fax: (305) 767-8832
S. Paul Allen, General Manager; Claude Austin, Director-Technical Services; Craig Young, Director-Operations; Chandy Luka, Director-Purchasing; Ken Kent, Director-Finance
Equipment: 4 Grumman Mallards, 3 deHavilland Dash 7's

Peninsula Airways, Inc. (KS) (P,C,M)
4851A Aircraft Drive, Anchorage, AK 99502
(907) 243-2485; Fax: (907) 243-6848
Orin D. Seybert, President; George Tibbetts, Vice President; Richard E. Harding, Director-Operations; Thomas Geary, Director-Maintenance; Bryan Carricaburu, Director-Stations; Jeannie E. Seybert, Secretary/Treasurer
Equipment: 9 Piper Cherokee Sixes, 5 Piper Navajos, 3 Grumman Geese, 3 Fairchild Metros, 3 Cessna Conquests

Pennsylvania Aviation, Inc.
(dba Wings Airways)

Pennsylvania Commuter Airlines, Inc. (US*) (P,C,M)
(Subsidiary - USAir Group, Inc.)
(dba USAir Express)
Harrisburg International Airport, Middletown, PA 17057
(717) 944-2781; Fax: (717) 944-9183
William J. Clark, President/C.E.O.; Michael D. Yocum, V.P.-Flight Operations; William J. Stab, V.P.-Finance; Terry J. Petrun, V.P.-Administration; Joseph G. Dondero, Assistant V.P.-Maintenance; William A. Luby, Director-Systems Planning; Debra S. Hoke, Director-Inflight Service
Equipment: 9 Shorts 360's, 9 Beech 1900's

P. M. Air, Inc. (PM) (C)
2635 East Airlane, Phoenix, AZ 85034
(602) 267-8992; Fax: (602) 273-1167
Predrag Mitrovich, President; Helmuth Eggerling, Executive V.P./Director-Operations
Equipment: Cargo only: 4 Piper Navajos, 2 Cessna 207's

Precision Valley Aviation, Inc. (NW*/RP) (P,C,M)
(Subsidiary - Valley Airlines, Inc.)
(dba Northwest Airlink)
841 Galaxy Way, Manchester, NH 03103
(603) 668-0082; Fax: (603) 622-8544
Allyn J. Caruso, President; John Gallichon, Executive V.P.; Bill Cook, Director-Operations; David Hulick, V.P.-Finance; Tony Colella, Director-Maintenance; Lauren Caruso, Director-Sales and Market Planning; Paul Racki, Director-Training
Equipment: 13 Dornier 228's

Propheter Aviation (QS) (P,C)
P. O. Box 580, Rock Falls, IL 60701
(815) 625-3063
Mickey Pierce, President/Secretary
Equipment: 3 Piper Navajos

Raven Air, Inc. (4R) (P,C)
3541 Amber Bay Loop, Anchorage, AK 99515
(907) 243-5586
Deena M. Thomas, President
Equipment: 1 Cessna 207

Regional Express Co. (C)
P. O. Box 2775, Boise, ID 83701
(208) 343-2524; Fax: (208) 336-4896
Larry Leach, President; Robert Bones, Manager-Flight Operations
Equipment: Cargo only: 3 Cessna 402's, 2 Piper Senecas, 1 Turbo Commander

Rocky Mountain Airways, Inc. (CO*/JC) (P,C,M)
(Subsidiary - Texas Air Corp.)
(dba Continental Express)
Hangar 6, Stapleton International Airport, Denver, CO 80207
(303) 780-5354; Fax: (303) 355-0662
Neal F. Meehan, President; Donald C. Smith, Regional President; Dennis Heap, Vice President/General Manager; Gil B. Roberts, V.P.-Operations/Technical Services; Debra K. Cline, V.P.-Finance/Administration; Lance E. Perrin, V.P.-Marketing; Greg D. Aretakis, V.P.-Pricing/Scheduling
Equipment: 13 Beech 1900's, 8 Aerospatiale ATR-42's, 6 deHavilland Dash 7's

Roederer Aviation, Inc. (EH) (P)
Spirit of St. Louis Airport, St. Louis, MO 63006
(314) 532-4150
Herbert D. Roederer, President; Robert D. Roederer, Senior V.P.; Phyllis Roederer, Senior V.P.-Operations; Michael H. Roederer, Assistant V.P.
Equipment: 1 Beech Baron, 1 Cessna 414, 1 Cessna 402

Ross Aviation, Inc. (ZD) (P,C)
P. O. Box 9124, Albuquerque, NM 87119
(505) 842-4161; Fax: (505) 845-5023
Lewis A. Pierce, President/C.O.B.
Equipment: 3 McDonnell Douglas DC-9's, 3 deHavilland Dash 7's, 2 deHavilland Twin Otters, 2 Beech King Airs

Ryan Air Service, Inc. (XY) (P,C,M)
1205 East International Airport Road, Anchorage, AK 99518
(907) 562-2227; Fax: (907) 563-8177
Robert V. Dodd, President/C.E.O.; John Eckels, V.P.-Finance; Edgar Lamb, Director-Operations; Brian Andrus, Director-Maintenance; Ken Acton, Director-Stations; Dale Walters, Chief Pilot
Equipment: 7 Cessna 207's, 3 Cessna 402's, 1 Cessna 310, 1 Cessna 180

Saber Aviation, Inc. (SP) (C)
4803 Express Drive, Douglas International Airport, Charlotte, NC 28219
(704) 359-8456
Mike Dockery, President; Sandy Elliott, Vice President
Equipment: Cargo only: 4 Beech 18's, 3 Cessna 402's, 2 Douglas DC-3's, 2 Piper Cherokee Sixes, 2 Cessna 207's

Salair Cargo, Inc.
(See Classic Airlines, Inc.)

Scenic Airlines, Inc. (YR) (P)
241 East Reno Avenue, Las Vegas, NV 89119
(702) 739-5611; Fax: (702) 739-8065
John R. Seibold, C.O.B.; Alan Stephen, President; Robert Haws, V.P.-Operations; Elizabeth Seibold, Treasurer; Deborah Long, Director-Sales/Marketing; Thomas Roher, Chief Pilot
Equipment: 23 deHavilland Twin Otters

Sentimental Journeys Aviation (P)
14390 Catalina Street, San Leandro, CA 94577
(415) 667-3800; Fax: (415) 352-5680
Terry Witt, President; Daniels McLean, Executive V.P./General Manager; Phil Nussbaum, Director-Maintenance; Timothy Braidy, Chief Pilot
Equipment: 3 Douglas DC-3's
Note: carrier does not provide scheduled service.

Sierra Pacific Airlines, Inc. (P)
7700 North Business Park Drive, Tucson, AZ 85743-9622
(602) 744-1144; Fax: (602) 744-0138
G. M. Thorsrud, President; Ray W. Miller, Director-Maintenance; Carol E. Dellacona, Director-Finance; Donald B. Widman, Chief Pilot
Equipment: 7 Convair 580's
Note: Carrier does not provide scheduled service.

Simmons Airlines (AA*/MQ) (P,C,M)
(Subsidiary - AMR Corp.)
(dba American Eagle)
900 North Franklin Street, Suite 800, Chicago, IL 60610
(312) 280-8222; Fax: (312) 280-2219
Peter Piper, President; Bernie De Sena, Senior V.P.-Field Services; Charles Rathbun, V.P.-Maintenance/Engineering; Lance McDonald, V.P.-Flight Operations; Tom Lafin, V.P.-Finance
Equipment: 31 Shorts 360's, 14 Aerospatiale ATR-42's

Skagway Air Service, Inc. (5U) (P,C,M)
P. O. Box 357, Skagway, AK 99840
(907) 983-2219; Fax: (907) 983-2948
Ben Lingle, President; Mike O'Daniel, Vice President; John Sims, Director-Maintenance
Equipment: 4 Piper Saratogas, 2 Piper Arrows, 1 Piper Seneca

Skyfreighters Corp./Kitty Hawk Airways (2K) (C,M)
P. O. Box 612787, DFW Airport, TX 75261
(214) 574-7474; Fax: (214) 574-3963
M. Tom Christopher, C.O.B.; James E. Turner, President; F. Kenneth Dunn, V.P.-Operations; Susan Hawley, V.P.-Marketing; Abe Alvarez, V.P.-Maintenance; Robert Grimm, Chief Pilot
Equipment: Cargo only: 8 Convair 440's, 3 Douglas DC-3's, 1 Douglas DC-3 Turbo, 1 Dassault Falcon

Skyway Airlines (YV/YX*) (P)
(Subsidiary - Mesa Airlines, Inc.)
(dba Midwest Express Connection)
3647 South Chase, Milwaukee, WI 53207
(414) 744-8969; Fax: (414) 744-9834
Larry L. Risley, President/C.E.O.; Rolly Bergeson, General Manager/C.O.O.; Ole Bartelt, Maintenance Coordinator; Jill Adams, Manager-Passenger Service; Ron Kirchner, Flight Coordinator
Equipment: 7 Beech 1900's

SkyWest Airlines, Inc. (DL*/OO) (P,C,M)
(dba Delta Connection)
50 East 100 South, St. George, UT 84770
(801) 628-2655; Fax: (801) 628-8779
Jerry C. Atkin, President/C.E.O.; John C. Bowler, V.P.-Finance/ C.F.O.; Earl B. Snow, V.P.-Aircraft Operations; Ron Reber, V.P.-Marketing; John Ligtermoet, V.P.-Customer Service; Keith Malnar, V.P.-Maintenance; Michelle Gendron, Director-Inflight Service
Equipment: 37 Fairchild Metros, 8 Embraer Brasilias

S-M-B Stage Lines, Inc. (MJ) (C,M)
P. O. Box 612206, 1515 West 20th Street, DFW Airport, TX 75261
(214) 574-4471; Fax: (214) 456-0716
Timothy F. Sanders, President; Ray Clawson, V.P.-Operations; William McDonald, V.P.-Finance; R. C. Grober, Director-Maintenance
Equipment: Cargo Only: 11 Convair 600's, 3 Convair 640's

SouthCentral Air, Inc. (XE) (P,C,M)
135 Granite Point Court, Kenai, AK 99611
(907) 283-7064; Fax: (907) 283-3678
Vernon K. Loftstedt, Jr., President; Mary Thornton, V.P.-Finance; Jim Munson, Director-Maintenance; Diana K. Loftstedt, Secretary/Treasurer; Michael Mommsen, Chief Pilot
Equipment: 6 Piper T-1040's, 3 Piper Navajos; Cargo only: 1 Piper Navajo, 1 Cessna 207, 1 Britten Norman Islander

Southern Jersey Airways, Inc. (CO*/6J) (P,C)
(dba Continental Express)
Bader Field Airport, Atlantic City, NJ 08401
(609) 348-4600; Fax: (609) 347-7490
Richard H. Olsen, C.O.B.; Donald C. Young, President/Treasurer; Jean Young, V.P.-Finance/Administration; Mike Collum, V.P.-Operations; Henry Gorelick, Secretary
Equipment: 2 deHavilland Twin Otters

Southwest Aviation, Inc.
(dba Midwest Aviation)

Starlite Express (C)
(Subsidiary-Metro Airlines, Inc.)
1700 West 20th Street, P. O. Box 612626, DFW Airport, TX 75261
(214) 453-4521; Fax: (214) 453-4555
Robert E. Guinn, President; David Shimic, Director-Flight Operations; Emmet M. Dotson, Director-Maintenance
Equipment: Cargo only: 6 Shorts 330's

StatesWest Airlines, Inc. (YW) (P,C)
4909 East McDowell Road, Suite 105, Phoenix, AZ 85008-4227
(602) 220-0391; Fax: (602) 267-7299
Rudy R. Miller, Chairman/C.E.O.; W. James Lane, President/C.O.O./Treasurer; Edward J. Collins, V.P.-Sales/Marketing; Ronald E. Warnicke, Secretary
Equipment: 6 Beech 1900's

Sun Pacific Airlines (VL) (C,M)
402 West 4th Street, Santa Ana, CA 92701
(714) 667-7810; Fax: (714) 543-6402
Carmen Avila, Executive V.P.; Alan Page, Director-Operations; David Mazzola, Chief Pilot
Equipment: 3 Embraer Bandeirantes, 1 Piper Navajo
Note: Carrier plans to begin scheduled operations during 1990.

Sunaire
(dba Aviation Associates, Inc.)

Tanana Air Service, Inc. (4E) (P,C,M)
P. O. Box 60713, Fairbanks, AK 99706
(907) 474-9311; Fax: (907) 474-9314
Dale Erickson, President; James Parrish, Director-Operations; Fred Distad, Director-Maintenance; Rodney Evans, Chief Pilot
Equipment: 3 Piper Cherokee Sixes

Taquan Air Service, Inc. (9Q) (P,C,M)
P. O. Box 600, Metlakatla, AK 99926
(907) 225-9668; Fax: (907) 225-0522
Jerry A. Scudero, President/Chief Pilot; Candi L. Scudero, Vice President; Brian MacManus, Director-Operations; Mark Glaspey, Controller; Charles Wisner, Chief Pilot
Equipment: 5 deHavilland Beavers, 2 Cessna 185's

Tempelhof Airways USA, Inc. (CL) (P)
Flughafen Tempelhof, Tempelhofer Damm 1-7, 1000 Berlin 42 West Germany
49-30-6909431
Knut Kramer, President/C.E.O.; Ellery Sayers, Director-Operations; Mike Mullvhill, Director-Maintenance; Guido Vulpius, Director-Marketing; Erika Fritscher, Secretary
Equipment: 3 Saab 340's, 1 Aerospatiale/ Nord 262

Temsco Airlines, Inc. (AS*/KN) (P,C,M)
(dba Alaska Airlines Commuter)
P. O. Box 8015, Ketchikan, AK 99901
(907) 225-9810; Fax: (907) 225-5633
Charles W. Gale, President; Jam Van Altvorst, General Manager; Shawn Mock, Director-Marketing; Tim Montgomery, Manager-Operations; James L. Baumgartner, Chief Pilot; Alan Jones, Chief Mechanic
Equipment: 9 deHavilland Beavers, 8 deHavilland Otters, 3 Cessna 185's, 1 Britten Norman Islander, 1 Britten Norman Trislander

Texas National Airlines, Inc. (C)
P. O. Box 160159, San Antonio, TX 78280
(512) 820-8677; Fax: (512) 820-2102
Melvin Floyd, President; John A. Karaminian, V.P. Operations/ Maintenance; Jim Barker, Director-Operations; Mike Burch, Director-Maintenance, Debbie Rowton, Secretary/ Treasurer
Equipment: Cargo only: 1 Fairchild Metro, 1 Fairchild Expediter

Trans North Aviation Ltd. (4Q) (P)
P. O. Box 1445, Eagle River, WI 54521
(715) 479-6777
Ronald J. Schaberg, President; Kathleen D. Schaberg, Vice President
Equipment: 3 Piper Navajos

Trans States Airlines, Inc. (TW*/9N) (P)
3990 Fee Fee Road, St. Louis, MO 63044
(314) 739-7300; Fax: (314) 739-2952
Hulas Kanodia, President; Ed McEnroe, V.P.-Finance; Don Soph, V.P.-Customer Service; Al Blosse, V.P.-Maintenance; Craig Tompkins, V.P.-Flight Operations; Gary Santos, Director-Special Projects; Bill Mishk, Director-Marketing
Equipment: 13 Fairchild Metros, 5 Aerospatiale ATR-42's

Trans World Express
See individual listings for:
Air Midwest, Inc.
Jet Express, Inc.
Metro Airlines Northeast, Inc. (NY)
Metro Airlines Northeast, Inc. (VT)
Trans States Airlines, Inc.

Airline Directory

(U.S. Regional Airlines)

Trump Air (7D) (P,C)
Hangar 3, Linden Airport, Linden, NJ 07036
(201) 475-5600; Fax: (201) 474-5612
S. B. Goldstein, Director-Flight Operations; R. Serafini, Director-Maintenance; K. Tylenda, Manager-Customer Service; Richard Kimble, Chief Pilot
Equipment: 3 Sikorsky 61's, 2 Boeing 234's

United Express
See individual listings for:
Air Wisconsin
Aspen Airways, Inc.
Atlantic Coast Airlines, Inc.
Mesa Airlines, Inc.
NPA, Inc.
WestAir Airlines, Inc.

USAir Express (US*)
(Subsidiary - USAir Group, Inc.)
Crystal Park Four, 2345 Crystal Drive, Arlington, VA 22227
(703) 418-7051; Fax: (703) 418-5437
Gordon Linkon, Vice President; James McGuire, Director; Nigel Adams, Regional Manager; Raymond Baybrook, Regional Manager; Joseph Rampi, Regional Manager; Landra Greenhill, Manager-Administration

See individual listings for:
Allegheny Commuter Airlines, Inc.
CCAir
Chautauqua Airlines, Inc.
Commutair
Crown Airways, Inc.
Henson Aviation, Inc.
Jetstream International Airlines
Pennsylvania Commuter Airlines, Inc.

Valley Flying Service, Inc.
(dba Northeast Express/Northwest Airlink)

Vieques Air Link, Inc. (VI) (P,C)
P. O. Box 487, Vieques, PR 00765
(809) 741-3266; Fax: (809) 741-0545
Ozvaldo Gonzalez, President; Jimmie Adams, Director-Operations; Juan Estrella, Director-Maintenance; Angel Maldonado, Chief Pilot
Equipment: 2 Britten Norman Islanders, 2 Britten Norman Trislanders

Viking International Airlines (VO) (C)
6355 34th Avenue South, Minneapolis, MN 55450
(612) 726-1640; Fax: (612) 726-1645
William Tsui, President; Kevin McGraw, Vice President/General Manager; Brian N. Duehring, Director-Operations; John Quilling, Director-Maintenance
Equipment: Cargo only: 2 Convair 640's

Village Aviation, Inc.
(dba Camai Air)

Virgin Air, Inc. (ZP) (P)
P. O. Box 2788, St. Thomas, VI 00803
(809) 776-2992; Fax: (809) 776-2722
Paul Wikander, President; Margaret Wikander, Vice President; Annette Wikander, Secretary
Equipment: 7 Piper Aztecs, 1 Cessna 402, 1 Piper Apache, 1 Beech 18; Cargo only: 1 Beech 18

Walker's International (XW) (P,C)
700 S.W. 34th Street, Ft. Lauderdale, FL 33315
(305) 359-1405; Fax: (305) 359-1414
James Radcliffe, President; Fleming Anderson, General Manager/Director-Operations; Mac Ashton, Director-Maintenance; Noreen Taylor, Manager-Customer Service
Equipment: 1 deHavilland Twin Otter

Warbelow's Air Ventures, Inc., (6M) (P,C,M)
6262 Old Airport Road, Fairbanks, AK 99709
(907) 474-0518
Arthur Warbelow, President/Secretary/Treasurer; Dick Collins, Director-Maintenance; Pete Haggland, Director-Operations; Bill McIntyre, Chief Pilot
Equipment: 2 Piper Navajos, 2 Piper Super Cubs, 2 Cessna 207's, 1 deHavilland Otter, 1 Cessna 206, 1 Cessna 185

WestAir Commuter Airlines, Inc. (UA*/OE) (P,C,M)
(Subsidiary - WestAir Holdings, Inc.)
(dba United Express)
5570 Air Terminal Drive, Fresno, CA 93727
(209) 294-6915; Fax: (209) 291-5784
Timothy P. Flynn, C.O.B./C.E.O.; Maurice Gallagher, President; Jim Prouty, Senior V.P./C.F.O.; Paul Rasmussen, Senior V.P.-Flight Operations; Harlow Voorhees, V.P.-Operations; Mark Peterson, V.P.-Communications; Daryl Gault, V.P.-Legal; Bob Hanson, V.P.-Technical Services
Equipment: 26 Embraer Bandeirantes, 15 Embraer Brasilias, 14 British Aerospace Jetstream 31's, 6 British Aerospace 146's, 3 Shorts 360's

WestAir Holdings, Inc.
See individual listings for:
Atlantic Coast Airlines
NPA, Inc.
WestAir Commuter Airlines, Inc.

Westates Airlines, Inc. (WS) (P,C)
Columbia County Airport, Hudson, NY 12534
(518) 828-9461; Fax: (518) 828-1303
Mahlon W. Richards, C.O.B.; Terrence O. Dennison, President; James Smollan, Director-Services; Darryl E. Dean, Director-Quality Control; Keith Wild, Director-Maintenance
Equipment: 4 Convair 580's

Wilbur's, Inc. (8F) (P,C,M)
1740 East Fifth Street, Anchorage, AK 99501
(907) 272-6361; Fax: (907) 272-3486
Joseph H. Wilbur, President/Director-Maintenance; Alden Mowry, Senior V.P.; Steven A. Wilbur, Vice President/General Manager; Alan Larson, Director-Operations; Anne B. Wilbur, Secretary/Treasurer
Equipment: 2 Cessna 402's, 1 Beech 99, 1 Piper Seneca

Wings Airways (WQ) (P)
Wings Field, Blue Bell, PA 19422
(215) 646-1800; Fax: (215) 628-3594
James J. Vincenzo, President; David S. Gomes, V.P.-Finance
Equipment: 3 Britten Norman Islanders, 2 Britten Norman Trislanders, 1 deHavilland Twin Otter

Wings of Alaska (SE) (P,C,M)
1873 Shell Simmons Drive, Juneau AK 99801
(907) 789-9863; Fax: (907) 789-2021
Robert Jacobsen, President; Michael Fenster, Vice President; Karen Hansen, V.P.-Marketing; Russel Shaub, Director-Operations; Barry Mortenson, Director-Maintenance; Diana Donohue, Director-Finance; George Coulter, Chief Pilot
Equipment: 6 Cessna 207's, 5 Cessna 206's, 3 deHavilland Beavers

Wings West Airlines, Inc. (AA*/RM) (P,C,M)
(Subsidiary - AMR Corp.)
(dba American Eagle)
P. O. Box 8115, San Luis Obispo, CA 93403-8115
(805) 541-1010; Fax: (805) 541-2881
John Selvaggio, President; Robert Zoller, V.P.-Operations; Ron Stotz, V.P.-Maintenance; Sandra Davis, V.P.-Administration; Joanne Dowty, V.P.-Marketing/Field Services; Elaine Teng, V.P.-Finance
Equipment: 34 Fairchild Metros, 2 Beech 99's

WRA, Inc. (8R) (P,C)
P. O. Box 545, Morrisville, NC 27560
(919) 840-0588
Warren H. Wheeler, President; Charles Caudill, Director-Maintenance; Robert Truelove, Director-Operations
Equipment: 1 Beech King Air, 1 Piper Navajo

Wrangell Air Service (4W) (P,C,M)
P. O. Box 847, Wrangell, AK 99929
(907) 874-2369
Daniel Baldwin, Sr., President/Chief Pilot; Ann Baldwin, Vice President
Equipment: 2 Cessna 185's, 1 Cessna 207, 1 Piper Seneca

Wright Air Service, Inc. (8V) (P,C,M)
P. O. Box 60142, Fairbanks, AK 99706
(907) 474-0502; Fax: (907) 474-0375
Robert Bursiel, President; Linda Bursiel, Secretary/Treasurer
Equipment: 4 Piper Navajos, 2 Cessna 207's, 1 deHavilland Beaver

Yute Air Alaska, Inc. (4Y) (P,C,M)
P. O. Box 890, Dillingham, AK 99576
(907) 842-5333; Fax: (907) 842-1001
William L. Johnson, President; Scott A. Bailie, Vice President; Richard J. Bottini, Director-Operations; William M. Jensen, Director-Maintenance; Jack E. Smith, Chief Pilot
Equipment: 4 Cessna 207's, 1 Piper Navajo, 1 deHavilland Otter

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For more information, please contact: Eric McConachie, Vice President Marketing & Customer Support. Tel.: (514) 744-1511. P.O. Box 6087, Station A, Montreal, Quebec, Canada, H3C 3G9.

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Count on experience. Over 1800 TPE331 engines have surpassed 20 million flight hours in regional airline operations alone.

Count on quality. The kind of quality service that only comes from Garrett know-how. "Fast Shop" programs for super-quick parts repair. Bank engines immediately available. No one knows how to keep 331s flying better than Garrett.

Count on convenience. Eight major repair facilities located at five airports (Islip, Long Island; Augusta, Georgia; Springfield, Illinois; Houston, Texas; Los Angeles, California); Phoenix, Arizona; Raunheim and Singapore.

Count on cost-savings. Flat rates for hot sections, overhaul and continuing airworthiness programs.

Count on us. Total service and support from *dedicated,* experienced airline support specialists.

Experience, quality, convenience, savings. That's us.

For more information, contact Darrel Downing at (602) 225-2553. Regional airlines have counted on Darrel for more than 25 years.

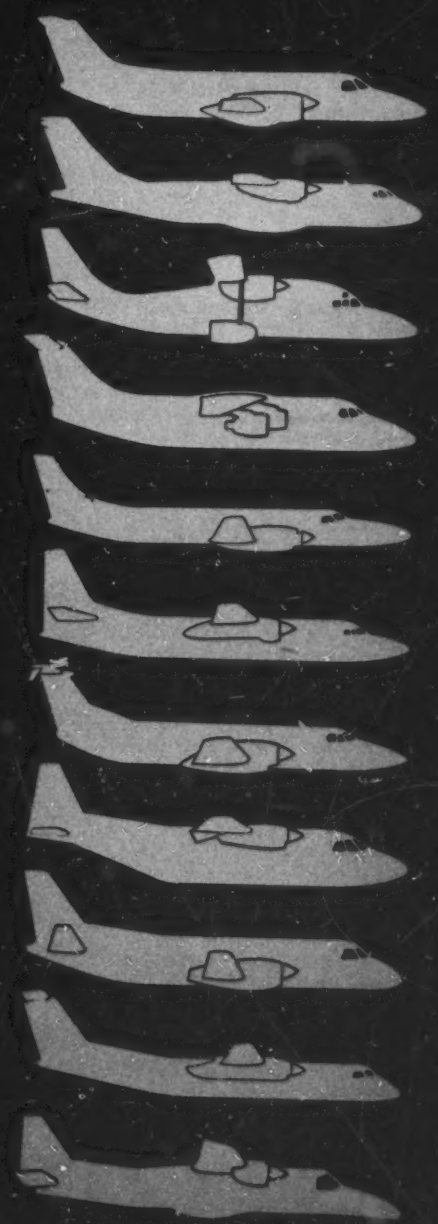
The Regional Airline Support Group at GARRETT GENERAL AVIATION SERVICES DIVISION

When your customers count on you, count on us.

Allied-Signal Aerospace Company

Allied Signal

Associate Member Directory



Associate Member Directory

AAR Corp.
1111 Nicholas Boulevard
Elk Grove, IL 60007
RAA Representative: L. Carter Burwell
708/439-3939

AAR CORP. is a multinational company with several subsidiaries that provide products and services for regional aircraft operators.

AAR Financial Services Corp. provides financing of aircraft and engines for regional airlines. Customized programs include operating leases for short-term equipment needs as well as long-term financial leases.

AAR Landing Gear Center, located in Miami, Florida, specializes in the repair, exchange and overhaul of landing gear for multiple airframe types.

AAR Oklahoma, Inc. is a full-service aviation organization providing piston and turbine-powered aircraft maintenance, modification, installation, inspection and repair. Other services include proprietary product installation, propeller overhaul, overhaul and installation of avionics equipment, interior refurbishment, exterior painting, wholesale parts sales, and a wide variety of airframe parts sales. AAR Oklahoma is a Class 4 FAA repair station.

AAR Technical Service Center, Inc. has capabilities for the overhaul, repair and exchange of avionics, instruments, accessories and electronics. Facilities are located on the East and West Coasts and in the Midwest. The company specializes in fast turnaround times, exchange unit availability and other support activities including reliability and analysis reports.

Aero Quality Sales
One Circle West
Stamford, CT 06904
RAA Representative: John Downey
203/351-8500

Aero Quality Sales is a leading distributor of nickel cadmium and lead acid aircraft batteries. We operate FAA/CAA certified field offices. They are located in Dallas, Detroit, Houston, London, Los Angeles, Miami, and Stamford. Our company carries a multi-million dollar inventory to satisfy all customer requirements. In addition to batteries, we also supply state-of-the-art battery service equipment, and ground support equipment.

Aeronautical Radio, Inc.
2551 Riva Road
Annapolis, MD 21401
RAA Representative: R.W. Lutzow
HDQSDXA
301/266-4022, Telex: 701/867-8553

Aeronautical Radio, Inc. (ARINC) was created in 1929 as the communications company of the airline industry. Today ARINC owns and operates one of the world's largest private switched networks in existence. The ARINC Data Network Service (ADNS) provides direct communications to more than 600 Transport and Travel industry organizations in the world. Easy access to ADNS is provided through a variety of industry standard user protocols, including dial access via the public telephone network, using approved personal computer equipment provided by the customer or ARINC provided.

ARINC has expanded its role to meet the informational requirements of its customers by offering several financial validation and database services including: Dishonored Check Validation (DCIES); Universal Air Travel Plan, Air Plus, American Express, Carte Blanche, Diners Card, Discover, enRoute, MasterCard, and VISA credit card validations (CARDS); as well as ATA's Airline Inventory Redistribution System (AIRS) for exchange of spare parts.

ARINC provides both conventional and trunked ground mobile radio services in support of regional airline operations at airports. ARINC Business Ramp Service (ABRS) simplex and community repeater access service is provided at select airports throughout the United States and ARINC Trunked Radio Service (ATRS) at 18 major airports such as JFK, LAX, BOS, EWR, BWI, CLT, BNA, RDU, SFO, SJU, ORD, DEN, DFW, PHL, ATL, MIA, PIT and SJC.

ARINC Domestic Voice Service provides a viable air/ground communications system which can service the route structure requirements of the regional airlines throughout the United States.

Aircraft Communication Addressing and Reporting System (ACARS) is an air/ground communication system that provides data communications between the aircraft and ground facilities. The ACARS network presently consists of over 300 ground stations providing service to all major airports in the domestic U.S. This network of stations efficiently handles over 4 million messages monthly. Typical ACARS messages include information on engine performance, fuel, crew and other data related to the safety and operation of the aircraft. ACARS messages are transmitted over the ACARS VHF data link to the ground station network and are relayed to the airline via ADNS.

ARINC Maintenance Service (AMS) is provided throughout the continental United States, Hawaii, and Puerto Rico with primary responsibility for maintaining customer owned equipment used in the provision of ARINC services. In addition, AMS is available on a fixed price basis for a wide variety of customer provided radio, data, and telephone equipment.

Aeroserv International, Inc.
3401 G N.W. 72nd Avenue
Miami, FL 33122-1397
RAA Representative: W.H. Scott Ellis
305/592-8090

We are a sales and service company which helps both domestic and overseas airline and military customers obtain material at the best price and leadtime from vendors located primarily in the United States. Our service center is FAA-Approved for Radio Class I, II, III, Accessories and Limited Airframe and instruments.

We also have an engineering department with avionics and system design capability for complete cockpit configurations and specialized aircraft systems with installation capability worldwide.

Aerospace Lighting Corp.
101-8 Colin Drive
Holbrook, NY 11741
RAA Representative: Michael J. Tenzyk
516/563-6400

Aerospace Lighting Corp. (ALC) manufactures and distributes a fluorescent lighting system for aircraft cockpits and cabins. A variety of 1/2 inch and 1/4 inch fluorescent bulbs, fixtures, inverters, and power units, coupled with single wire installation allow for simple off-the-shelf customized interior schemes. All products are manufactured under FAA-PMA. Repair of products is done on-site under the ALC FAA Approved Repair Station Certificate.

AIG Aviation, Inc.
1175 Peachtree Street, N.E.
Suite 1000
Atlanta, GA 30361
RAA Representative: James A. Harris, Jr.
404/249-1800

Aviation insurance underwriters responsible for underwriting and management of American International Group, Inc.'s worldwide portfolio of aviation insurance business. Our product lines include all forms of aviation insurance available - airline, regional airline, manufacturers products, airports, general aviation and workers compensation.

Air Safety International, Inc.
3420 Norman Berry Drive, Suite 515
Atlanta, GA 30354
RAA Representative: Phil McGeorge
404/765-0066
FAX: 404/669-9853

Part 135/121 Air Carrier Management/ Technical Assistance for: FAR Certification, Compliance, Safety Inspections, Internal Audits, Asset Monitoring, Operations/ Maintenance Manuals and Programs, Computerized Management Programs, Accident Investigation, Airport and Heliport Services.

Air Transport World
600 Summer Street
P.O. Box 1361
Stamford, CT 06904
RAA Representative: Gere D. Coffey
203/348-7531

Air Transport World magazine is the primary management communications publication for all U.S. and international airlines. Its special commuter/regional monthly news and feature section provides vital information for executive managements of highly dispersed commuter/regional air carriers, and at the same time, it keeps the total world system apprised of the role these smaller airlines play in global operations. ATW offers the most complete airline system

coverage of any airline publication. Circulation is 41,000 (operations and management news contributions are welcomed.)

Aircraft Instrument & Radio Co., Inc.
1853 S. Eisenhower Ct.
Wichita, KS 67209
RAA Representative: Jim Ries
316/945-0445

Dealer/Supplier of aircraft instruments, avionics, expendables, rotable equipment and support products, with sale, lease and exchange programs. Also with our in-house subsidiary, Aircraft Instrument & Radio Services, Inc., an FAA approved repair station, we provide repair, overhaul and recertification of same equipment. Complete sale, exchange, loaner and service programs available 24 hours a day, seven days a week. 24 hour AOG Hotline: 800/835-2243.

Aircraft Technical Publishers
101 South Hill Drive
Brisbane, CA 94005
RAA Representative: Caroline Daniels
1/800/227-4610

ATP is well know throughout the general aviation industry as the leader in maintenance information systems management. For most short haul common carriers, ATP will offer customized information management services designed for fleet maintenance in the regional airline market. This includes comprehensive maintenance microfiche library services for airframe, engines, avionics, and FAA information. These library services are updated bi-weekly and include specialized indexing for the most efficient information access. We also provide online searches for ADs, Service Bulletins and Service Letters relating to an individual aircraft updated daily.

ATP carries over 225 different aircraft, avionics and FAA Libraries used by over 9,000 fleets, FBO's and government agencies around the world.

Airline Business
Reed Business Publishing
3700 Campus Drive
Suite 203
Newport Beach, CA 92660
RAA Representative: John Tidy
714/756-1057

A unique monthly business publication which, as part of its editorial profile, covers the business, commercial and financial aspects of regional airline management. The readership includes all senior decision makers from the regional airlines worldwide.

Airport Terminal Services, Inc.
P.O. Box 10265
St. Louis Lambert Int'l Airport
St. Louis, MO 63145
RAA Representative: Nicholas L. Campbell
314/426-9115

As a wholly owned subsidiary of Trans World Airlines, Airport Terminal Services, Inc. is an airline service company with the capability of handling both wide and narrow bodied aircraft with services including ticketing, security screening, skycaps, aircraft fueling, baggage/freight handling, and aircraft interior grooming. ATS also performs ground equipment sales, refurbishing and facility services such as custodial and building maintenance. At its corporate headquarters in St. Louis, ATS has been the airline service contractor since 1976, and has similar operations in Ft. Myers, Jacksonville, and West Palm Beach, Florida; Dallas Ft. Worth, Texas; Ontario, California; and Tucson, Arizona; Portland, Oregon; and Burbank, California.

Airwork Corporation
Millville Municipal Airport
Millville, NJ 08332-4882
RAA Representative: Ray Compari
609/825-6000

Airwork Corporation and Pacific Airmotive Corporation provide complete commuter airline PT6 and Dart engine overhaul, repair and field service. Included are around-the-clock hangar service, proven trend monitoring and modular overhaul programs, 24-hour parts repair and HSI's. Located in Millville, N.J. with satellite shops in Phoenix, Portland - OR, Atlanta, Dayton, Wichita, Houston and Hartford, CT. Airwork's facility at Miami/and Burbank, California offers complete PT6 engine overhaul and repair.

Alden Electronics, Inc.
40 Washington St.
Westborough, MA 01582
RAA Representative: Kevin P. O'Reilly
508/366-8851

Alden Electronics, Inc. manufacturers the Alden Color Weather Radar Display Systems, Series C2000. These systems acquire precipitation images from powerful National Weather Service radars located nationwide. Real time images of precipitation are shown on the color monitor in six different color levels.

The Model C2000M is a low cost system that displays one picture, has operator range control (200, 100, 50 and 25 nautical miles) and an auto dialer.

The Model C2000R can display from 16 to 64 pictures, has a zoom, pan and scroll capability, operator range control, programmable auto dialer, regional compositing of multiple radar images and time lapse looping of images.

Alden Electronics also has a diversified product line of weather recording and display systems.

Alexander & Alexander, Inc.
220 East 42nd Street
New York, NY 10017
RAA Representative: Joseph M. Rosenthal
212/973-4200

Alexander & Alexander is a major international insurance broker with more than 200 offices in 75 countries. Its experienced aviation staff provides comprehensive insurance programs tailored to the varied needs of its clients, be they regional, national or major airlines or specialized manufacturers. The firm's depth in the U.S., Canada and the U.K. allows Alexander & Alexander personnel immediate access to both North America markets and Lloyds of London brokers and ensures clients constant assistance and attention.

Algemene Bank Nederland N.V.
135 South LaSalle Street, P.O. Box 2975
Chicago, IL 60690
RAA Representative: Marvin D. Juliar
312/443-2900

ABN Bank, the largest bank of the Netherlands, has established an international network of branches and affiliates in 45 countries on five continents, including offices in ten cities in the United States and three in Canada. Aviation specialists located in Chicago, Amsterdam, and Tokyo are ready to serve the needs of the aviation industry.

Allison Gas Turbine Division GMC
P.O. Box 420, Special Code U10A
Indianapolis, IN 46206-0420
RAA Representative: Dr. A.S. Novick
317/230-5786

Manufacturer of turboprop and turbofan engines for regional aircraft. Holder of CV580 supplemental type certificate.

Aluminum Company of America
P.O. Box 8025
Bettendorf, IA 52722
RAA Representative: James D. Buescher
319/344-3011

All forms of aluminum flat rolled products for the aerospace industry.

American Airlines
P.O. Box 619616
Dallas/Ft. Worth Airport, TX 75261-9616
RAA Representative: Robert Martens
817/967-1294

American Airlines and its American Eagle regional affiliates are the largest airline system in the free world. American is the fastest growing U.S. carrier to Europe, operates comprehensive Carribean and expanding Pacific route networks and provides service to most major cities in the U.S., Mexico and Canada.

American makes available to the industry many airline software products and services. American offers SABRE in several packages to meet the varied needs of different size carriers. We or our ground handling affiliate AMR Services supply airport and operational handling and support.

Quality is the foundation of American's success. Since the DOT began keeping records, American has maintained the best on-time performance of any major carrier and has received numerous awards recognizing our service and innovation. We stand ready to discuss mutually beneficial opportunities.

Associate Member Directory

Ametek, Aerospace Products
900 Clymer Avenue
Sellersville, PA 18960
RAA Representative: G. Jerry Anderer
215/257-6531

Manufacturer of engine instruments, engine data converters, cockpit instruments, LCD modules, fuel gauging systems, pressure transducers, digital flight data acquisition units, fluid level measuring systems.

APEX Aviation Group
601-2 Harwood Drive
Suite 132
Bedford, TX 76021
RAA Representative: Vic Cason
817/488-4558
FAX: 817/488-0227

Worldwide supplier of P&W PT6, Garrett TPE 331 engines, engine parts and accessories for outright purchase, exchange or lease. Same available for JT-15 and TPE-731 turbofan engines. Aircraft and engine leasing. Also doing business as Avcom Technologies, specializing in the manufacture and repair of airborne radomes and other composite assemblies.

Arthur Andersen/Andersen Consulting
33 West Monroe Street
Chicago, IL 60603
RAA Representative: Byron F. Johnson
312/507-7289

These professional service firms provide services to the airline industry in accounting and auditing, tax services and management information consulting.

Associated Aviation Underwriters
51 John F. Kennedy Parkway
Short Hills, NJ
RAA Representative: Brian McBride
201/379-0820

Associated Aviation Underwriters, formed in 1929 to insure the emerging aviation industry, is today one of the largest aviation insurance groups in the World, underwriting on behalf of 32 of America's leading property and casualty insurance companies.

Atlantic Aviation Corporation
Greater Wilmington Airport
P.O. Box 15000
Wilmington, DE 19850
***RAA Representative:* Martyn S. Craig**
302/322-7000
1/800/223-3127

Cabin interior design, modification, refurbishing and manufacturing. Exterior modification and refurbishment. Refinishing turbo prop and jet engine maintenance, avionics, as well as extensive parts supply nationwide.

See our advertisement on page 32.

ATR Marketing, Inc.
20 Export Drive
Sterling, VA 22170
***RAA Representative:* John S. Buckley**
703/450-6660
Telex: 440281 ATR

Aerospatiale is the manufacturer, with Aeritalia, of the 48 seat ATR 42 aircraft and the 66 seat ATR 72 aircraft. The ATR 42 is powered by the PW120, while the ATR 72 uses the PW124 variant of these fuel efficient engines. ATR Marketing, Inc., is the North American marketing representative for these aircraft.

See our advertisement on pages 4-5.

Aviall
6114 Forest Park Road
Dallas, TX 75209
***RAA Representative:* George H. Scragg, Jr.**
214/956-5000

Aviall provides a total service and support program with specializations including overhaul and repair services on the PT6A, PW100, Spey, JT8D engines and accessories, and Allison 501 (A501). Also offered are Field Service and Troubleshooting support, Hot Section Inspection services, engine accessory and component exchanges, engine management and monitoring programs, parts repair development, on-site training courses in turbine maintenance, and maintenance supervision - Satellite repair facilities with PT6 capability are strategically located to support the Regional/Commuter Airline community. Additionally, spare parts are available through parts distribution centers located at 80 cities throughout the free world.

See our advertisement on page 114.

Aviation Auditors, Ltd.
1216 Sixteenth Street, N.W.
Washington, DC 20036
RAA Representative: Capt. John Shattuck
202/223-8501

Provides operational and maintenance consulting and audit services to the regional airline industry by offering qualified former FAA or industry personnel to conduct on-site inspections. Each audit is concluded with a detailed report disclosing findings, FAA compliance issues and recommendations.

Aviation Computing Services
P.O. Box 8062
McMinnville, TN 37110
RAA Representative: Rachel Killebrew
615/473-8616

Specializes in evaluations, audits, computerization, cost savings of maintenance records, training records, qualifications, calibrations records, industrial injury data. Provides special software development, contract programming, evaluations or modifications of present software. Conducts seminars on future aviation computer solutions. Markets computer software for aviation industry.

Aviation Equipment Maintenance Magazine
7300 N. Cicero Avenue
Lincolnwood, IL 60646
RAA Representative: Jack J. Howlett II
708/674-7300
FAX: 708/674-7015

Aviation Equipment Maintenance is a publication edited for maintenance management personnel and professional technicians who have the responsibility for servicing and repairing fixed wing and rotary wing aircraft and related ground support equipment. General Aviation Mechanics Journal, a special bi-monthly demographic supplement within the pages of AEM, focuses strictly on the aircraft the general aviation maintenance technician and manager work with every day ... light jets and turboprops, helicopters and piston engine aircraft.

Aviation Fuel Cells Int.
5680 Shelby Drive
Memphis, TN 38104
RAA Representative: Patrick Manning
910/362-2355
1/800/238-3835

Remanufactured, new, and overhaul exchange aviation fuel cells and helicopter floats.

Deicer boots for ATR-42, DHC-6, -7, -8.

Aviation Management Systems, Inc.
251 Caterina Heights
Concord, MA 01742
RAA Representative: John W. Shaffer
508/369-9749

Safety and FAR conformance audits for maintenance and operations. Development and implementation of Camp programs (tailored to your airline),—QA Systems,—inventory, materiel control programs, vendor control programs, documents control systems, management training, MBO programs, maintenance, engineering and flight operations organizational evaluations, flight crew optimization programs, forecasting systems for materiel and labor-etc.

Avionics Sales
3580 Pierce Drive
Atlanta, GA 30341
RAA Representative: Scott James
404/455-0348, 800/458-6177

Avionics, instruments, electronic accessory sales and service. Also stocking rotable parts for Beech Turboprops, BAe 31 Jetstream and Shorts. Specializing in fleet operators. Currently working with over fifteen regionals. 24 hour AOG service.

Avitech Engineering Corporation
2130 Adams Avenue
San Leandro, CA 94577
RAA Representative: Don Connors
415/562-2811
800/227-1850

Avitech Engineering Corporation provides overhaul and repair services for a wide variety of accessories and components used on Regional Airline Aircraft. Avitech is a Factory Authorized Repair Station and Distributor for many component manufacturers. Avitech specializes in the servicing of the following:

- Electrical Generating Equipment and their Controls
- Hydraulic Pumps, Acuators and Valves
- Fuel Pumps, Valves and Controls
- Environmental Systems, Fans, Blowers, Sensors and Controls

Avline Leasing Corp.
9901 I.H. 10 West
Suite 640
San Antonio, TX 78230
RAA Representative: James P. Foody
512/694-4180
Speciality: regional aircraft operating leasing.

AVMARK, Inc.
1911 North Ft. Myer Drive
Suite 1000
Arlington, VA 22209
RAA Representatives: Lan Thomas & Steven Horner
703/528-5610
AVMARK, Inc. provides aviation management consulting, aircraft appraisal and valuation services, and publishes industry related journals. In the commuter/regional field AVMARK offers management, marketing, operations and maintenance assistance. Areas of specialization include route and market evaluations and planning, business and marketing plans, DOT fitness and FAA operating certificate filings, code-sharing and major carrier ownership issues, traffic, capacity and fleet forecasting, and new entrant start-up assistance. AVMARK clients include airlines, manufacturers, law firms, media, associations and governments. AVMARK sponsors three annual conferences on the aircraft industry. AVMARK maintains offices in Washington, DC, London and Hong Kong.

AvStat Associates, Inc.
2501 K Street, N.W. (#6A)
Washington, D.C. 20037
RAA Representative: Douglas Abbey
202/338-1727
The firm specializes in commuter/regional airline industry route and fleet planning, including detailed competitive market analysis, comprehensive business plan development, generalized management consulting services, customized market research and feasibility analysis, database management as well as both micro and macro industry forecasting.
AvStat has been engaged by a wide variety of airlines, aircraft manufacturers, airports and other organizations involved in research activities.
AvStat is proud to have assisted in the production of the Regional Airline Association's Annual Report, for over a decade.

B & D Instruments & Avionics, Inc.
209 West Main
Valley Center, KS 67147
RAA Representative: John K. Nims
316/755-1223
Manufacture: Aircraft Engine Instruments, Ordinance Signs, True Airspeed Computers, Cockpit Voice Recorders, and Digital Air Data Computers.

Baker Audio/Telecom
2195 Norcross Tucker Road
Norcross, GA 30071
RAA Representative: Mike White
404/446-1891, ext. 425 or 426
Custom designed integrated radio/telecommunications consoie systems for flight dispatch, ramp control towers, airline operation areas and FAA facilities.

Baker, Worthington, Crossley, Stansberry & Woolf
1001 Pennsylvania Avenue, N.W.
Suite 1201-S
Washington, DC 20004
RAA Representative: J.E. Murdock III
202/347-4360
Representation before the Federal Aviation Administration, Dept. of Transportation, N.T.S.B., Congress; state or local authorities concerning safety enforcement, noise, access, E.A.S., economic & consumer issues. Counsel concerning all varieties of commercial and financial arragnements, aircraft purchase and loans, interline (CRS) marketing contracts, airport leases and other contracts.

BankAmerilease Companies
Two Embarcadero Center
San Francisco, CA 94111
RAA Representative: Kirk R. Holtze
415/622-7183

Bank of America N.T. & S.A.
NAD-Airlines Group #5770
555 S. Flower St.
Los Angeles, CA 90071
RAA Representative: Patrick P. Horan
213/228-3443
Bank of America is lender to major airlines and makes working capital loans. Bank of America also finances pieces of equipment, does leasing and cash management. Bank of America is also one of the top U.S. banks providing financial services to airlines.

Banner Aeronautical Corp.
12800 Rangoon Street
Pacoima, CA 91331
RAA Representative: Jim Matison
818/767-3000
Supplier of engines and spare parts for the following: Pratt & Whitney, Rolls Royce, and DHC/Boeing.

Barclays Bank PLC
75 Wall Street
New York, NY 10265
RAA Representative: Les Bek
212/412-3666
Barclays Bank PLC is one of the world's leading financial institutions. Barclays possesses aerospace teams in New York, London and Hong Kong. Barclays Bank provides traditional mortgage financing, equity placements, and a variety of capital market products to regional, national and major airlines.

Barfield Instrument Corp.
1478 Central Ave.
East Point, GA 30344
RAA Representative: Edd Smith
404/761-4321
FAX: 404/761-0114
Serving the aircraft industry with distinction through instrument service since 1945, Barfield is a certified FAA Repair Station that provides Class I, II, III, IV instrument service; Class I, II, III, accessory service; and specialized service on various components for the regional airline industry. Spares and exchanges for AOG support are available as well as an 24 hour AOG service. A complete line of ground support test equipment is manufactured by Barfield with rental units available for many of the units manufactured. Barfield is a distributor for many manufacturers of aircraft components, tools, and support items. Barfield provides service and quality from yesterday through tomorrow.

Barracuda Technologies, Inc.
315 Seahawk Drive
DeSoto, TX 75115
RAA Representative: Brad Teel
214/224-8441
BTi is an FAA Repair Station, certified for the repair and overhaul of bonded flight surfaces, wing panels, ADF panels, tailcones, composite flight surfaces, smile cowls, intake cowls, oil cooler ducts, and structural sheet metal parts. BTI also has PMA's for 700 series radomes and 737 drain masts. BTI also manufactures composite interior panels and air ducts, and floor panels.

Barry Controls
4320 Vanowen Street
Burbank, CA 91505
RAA Representative: Mike Mays
818/843-1000 ext. 264
Engine Vibrant Isolators for commercial, corporate, commuter, and regional aircraft. Avionic Racking Systems and other products for aircraft vibration, shock and noise control.

Beech Aircraft Corporation
P.O. Box 85
Wichita, KS 67201
***RAA Representative:* Chester J. Schickling**
316/681-7069
Beech Aircraft Corporation has been noted for excellence for over a half century beginning with its commitment to the airlines in 1937. The popular 13-passenger 1300 Airliner and the 19-passenger, pressurized 1900 Airliner are among the finest built and supported aircraft available. The Beechcraft 1900 Airliner began service in January 1984. The Beechcraft 1300 airliner became operational in October 1988.
Beech Aircraft Corporation provides a complete support program which lasts the lifetime of its quality-built Beechcraft Airliners.
See our advertisement on page 86.

Bell Helicopter Textron Inc.
P.O. Box 482, Dept. M3
Fort Worth, TX 76101
RAA Representative: Philip Norwine
817/280-3842

Associate Member Directory

Bendix/King
400 North Rogers Road
Olathe, KS 66062
RAA Representative: Kurt Jensen
913/782-0400, Ext. 2036

BENDIX KING offers the most complete line of avionics available to the Regional Airlines, as well as major air carriers. In addition to the renowned line of communication/navigation avionics, BENDIX/KING offers Navigation Management Systems, Microwave Landing Systems, Electronic Flight Instrument Systems, Weather Radar, Flight Control Systems, TCAS, ACARS, Loran, GPS, and other associated products. These products are backed by a world-wide product support organization providing customized training, field service engineering, spares support and same-day piece part shipments. Regional Airlines also can be equipped to maintain Bendix/King avionics in-house. Bendix/King is a unit of Allied-Signal Aerospace Company.

BF Goodrich Aerospace
P.O. Box 340
Waco Street
Troy, OH 45373
RAA Representative: Jay Cross
513/339-3811

Aircraft wheels, brakes and de-icing systems.

A. Biederman, Inc.
1045 Air Way
Glendale, CA 91201
RAA Representative: Steve Williamson
818/246-8431
FAX: 818/243-8965
Telex: 315994

A tradition of quality for over 50 years. A. Biederman, Inc. was founded in 1933 to serve the needs of the rapidly expanding aircraft instrument industry, and today is keeping pace with the technological growth of instrumentation. In addition to license repair capabilities for instrument Clas I, II, III, & IV unlimited, Biederman provides Authorized Sales (Stocking Distributor) and in or out of warranty repair support on Ametek/U.S. Gauge, Weston; and Sextant Avionique/SFENA, Thomson-CSF (Jaeger), Badin Crouzet; and Brion Leroux.

Boeing of Canada Ltd.
de Havilland Division
Garratt Boulevard
Downsview, Ontario M3K 1Y5
Canada
***RAA Representative:* Steven A. Ridolfi**
416/375-4108

Founded in 1928 and now a division of Boeing Canada, de Havilland has designed and produced over 1,3000 aircraft since the early 1960s. The 50-56 seat Dash 8 Series 300 is the most recent addition to the de Havilland product line, entering service in the spring of 1989. It follows the highly successful 36-40 seat Dash 8 Series 100 which entered service at the end of 1984. Dash 8s are in operational service with airlines in Canada, the U.S., the Far East, Australia, Europe and the Caribbean. A further high-speed, 70 seat version of the Dash 8 family known as the Series 400 is currently under consideration. Services provided include route and economic analyses, fleet planning, scheduling, spares inventory analyses, financing, training and after sales support.

See our advertisement on pages 41-43.

BonFaire By Placon
6096 McKee Road
Madison, WI 53719
RAA Representative: William L. Brilliant
312/310-9300

BonFaire supplies disposable passenger dinnerware offering a variety of creative serving concepts designed to inspire new menu ideas. Products include assorted lightweight plastic trays with attached or detachable lids, rotable trays, side dishes and entree insert dishes, CPET casserole dishes, cutlery packs, cups and component accessories.

Booth, Wade & Campbell
3100 Cumberland Circle
Suite 1500
Atlanta, GA 30339
RAA Representative: Dean Booth
404/850-5000

Booth, Wade & Campbell is a law firm whose practice is heavily involved in representing all aspects of the aviation industry principally airlines, airframe manufacturers, airports and other clients involved in aviation. It handles aircraft acquisitions, financing and leasing, airport matters, arbitrations, Railway Labor Act matters and litigation of all types involving aviation, and labor law as it applies to airlines.

Bornemann Associates, Inc.
8133 Leesburg Pike
Suite 605
Vienna, VA 22182
RAA Representative: David Bornemann
703/821-6848

Bornemann Associates is an aviation automation consulting firm founded in 1978 to provide professional consultation and software development services to regional and international carriers. Personal computer (PC) software is available in the areas of flight schedule development, crew planning, flight dispatch, and pilot training records. A PC-based flight crew management system is under development. Consulting services are offered in the areas of computer feasibility studies, hardware selection, data processing audits, flight crew productivity, and management organization. Office locations are Vienna, VA (near Washington's Dulles); Los Angeles, CA and Houston, TX.

The Boyd School
Wilma Boyd Career Schools, Inc.
One Chatham Center
Pittsburgh, PA 15219

Concourse Tower II,
Suite 200, 2090 Palm Beach Lake Blvd.
West Palm Beach, FL 33409
RAA Representative: Elizabeth McKinney
800/245-6673
412/456-1800
407/684-1222

Fifteen week accredited career program specializing in training for the travel industry. 450 class hours include: Airport Procedures; Domestic/International Geography; Air Fares and Ticketing; Professional Sales Technique; Travel Agency Fundamentals and Automated Reservation Procedures.

Complimentary placement services are available to the Regional Airline Association members and all candidates are prescreened to meet the requirements of the individual carriers. When you are in need of station agents, passenger service agents, airport support personnel and reservation sales agents, please call Liz McKinney, Placement Director.

British Aerospace, Inc.
P.O. Box 17414
Dulles International Airport
Washington, DC 20041
***RAA Representative:* Ken Denyer**
703/478-9420
FAX: 703/478-9436

British Aerospace, Inc. (BAe) markets and supports a family of regional airliners, including the 19-seat Jetstream Super 31, the 29-seat Jetstream 41, the 64-seat Advanced Turboprop (ATP), and the 71-108 seat BAe 146 series of jets. Spares support is also provided for Airbus and Short Brothers products.

British Aerospace offers prospective customers a variety of planning and evaluation services, such as traffic forecasting, fleet planning, and aircraft comparisons.

Beginning in 1990, flight crew training for the Jetstream 31 and BAe 146 is available at the new BAe Training Ce[illegible] than 2,000 pilots a year will initially be able to qualify or requalify at this facility.

See our advertisement on cover 2.

Alex. Brown & Sons Incorporated
135 East Baltimore St.
Baltimore, MD 21202
RAA Representatives: Charles Bryan, John Larkin
301/727-1700

Alex. Brown & Sons is a full service investment banking firm that provides financial services to institutions and individuals and provides investment banking services for corporate and municipal clients. Alex. Brown focuses on eight industry segments that are characterized by rapid growth or change due to technological, sociological or regulatory factors. These sectors include transportation, computer technology, health care, consumer financial services and environmental services. Alex. Brown provides corporate finance and merger & acquisition advice for companies in these selected industries.

W. Brown & Associates Insurance
4675 MacArthur Ct., #770
Newport Beach, CA 92660
RAA Representative: W. Scott Brown
714/851-2060
W. Brown & Associates specializes in providing insurance for the aviation industry.

Byrne, Kiely & White
1120 Lincoln Street, Suite 1300
Denver, CO 80203
RAA Representatives: Thomas J. Byrne, William R. White
303/861-5511
Aviation attorneys.

Camp Systems, Inc.
Long Island MacArthur Airport
Ronkonkoma, NY 11779
FAX NO: 516/588-3294
TELEX NO:14-4577 CAMPSYS RKNK
RAA Representative: Robert B. Leonard
516/588-3200
Computerized aircraft maintenance management programs and inventory control systems for regional airlines, operational manuals and specifications.
CSI CAMP: Full aircraft maintenance management program which includes maintenance procedure information.
CSI SCAMP: Simplified aircraft maintenance management system similar to CAMP, but does include maintenance procedure information.
CSI LINK: On-line computerized maintenance management system that connects personal computers directly to CSI's central computer from almost anywhere in the world.
CAMP/Dispatch: Maintenance management and inventory control stand-alone systems that provide the record-keeping features of CAMP on computers.

Canadair, Division of Bombardier Inc.
P.O. Box 6087
1800 Laurentien Blvd.
St. Jaurent, P.Q., Canada H4R 1K2
***RAA Representative:* Eric McConachie**
514/744-1511
FAX: 514/744-6586
Founded in 1944 and now a division of Bombardier Inc., Canadair has manufactured over 4,100 civil and military aircraft including nearly 600 supersonic jets. Canadair currently produces the Challenger 601-3A intercontinental widebody business jet, the CL-289 unmanned surveillance system, several aircraft components for major U.S. and European aerospace companies, and provides engineering and technical support services for various military aircraft including the CF-18 fleet. Under development is the CL-215T, a turboprop version of the CL-215 amphibian; the CL-227 Sentinel remotely piloted vehicle, to enter production following customer evaluation trials in 1990 and the Canadair Regional Jet, a stretched 50-passenger derivative of the Challenger 601 aircraft. Canadair RJ will introduce for the first time turbofan speeds, reliability and excellent operating economics to the regional airline industry.
See our advertisement on page 57.

Canadian Marconi Company
2442 Trenton Avenue
Montreal, Quebec
Canada H3P 1Y9
RAA Representative: Henry Schlachta
514/341-7630
CMC are involved in the design, development, manufacture and support of high technology electronics equipment directed to the aerospace, communications, radar, and specialized components markets. Avionics Division has supplied avionics equipment to the world's airline, military and general aviation users. The commercial Avionics Products group offers a variety of products such as CMA-734 and CMA-771 Omega Navigation System (ONS), CMA-734 Arrow Omega Naviation System, CMA-771 and CMA-900 Navigation Management Systems, CMA-764 Omega Sensor System, CMA-774 GPS Navigation System, as well as ground and airborne CMA-2000 Microwave Landing System (MLS).

CASA Aircraft USA, Inc.
3810 Concorde Parkway
Suite 1000
Chantilly, VA 22021
***RAA Representative:* David E. Pearson**
703/802-1000
For more than 60 years, CASA has dedicated itself to the development and support of a fleet of high quality, economical and reliable aircraft. Since its introduction in 1972, the CASA C-212 has found popular acceptance in regional airlines worldwide.
Configured for 25 seats, the C-212 offers cabin-class comfort, including stand-up headroom, galley, lavatory and flight attendant amenities.
CASA USA actively supports the U.S. fleet of 40 C-212's, providing complete Flight and Maintenance Training, Product Support and 24-hour A.O.G. service for spares.
The newly certified 44-passenger CN-235 is now available for operation in the U.S. With its rear ramp door, the CN-235 can be configured for passenger, cargo, or in combination, giving it great flexibility in all marketplaces.
See our advertisement on pages C4-85.

Castleberry Instruments & Avionics, Inc. (a subsidiary of the BF Goodrich Company)
National Headquarters:
817 Dessau Road
Austin, TX 78753
***RAA Representative:* Art Jackson**
512/251-3441
Telex: 76-7130
FAX: 512/990-1271
U.S. Regional Service Center:
1742 N.W. 69th Avenue
Miami, FL 33126
305/594-2963
Telex: 362214
FAX: 305/594-6923
Castleberry Instruments and Avionics specializes in the instrument requirements of regional airline operators. Capabilities include sales, service, exchange and overhaul of regional airline instrumentation. Castleberry's technical expertise is not limited solely to the service of instruments and avionics. Castleberry distributes the A.I.M. product line, which features attitude gyros for the regional airlines. Castleberry also manufactures pitot-static testers for regional and commercial airlines.
See our advertisement on page 115.

Cessna Aircraft Company
P.O. Box 7706
Wichita, KS 67277
RAA Representative: Phil Michel
316/946-6056
Cessna Aircraft Company, a General Dynamics company, has built more than 177,200 aircraft, including nearly 350 Caravans, 1,600 Citations, and 2,000 military jets. Cessna Caravans are the world's best selling utility turboprops.

Champion Spark Plug Company
330 Pelham Road
Building B, Suite 200
Greenville, SC 29615
RAA Representative: James T. Quinn
803/370-9655
FAX: 803/232-7050
Aircraft Spark Plugs, Turbine Igniters & Ignition Systems and Oil Filters.

Charter Services, Inc./CSI Military Services
Corporate Office
3700 Rio Grande Blvd., N.W.
Albuquerque, NM 87107
RAA Representative: William A. Rathert
505/761-9000
ARINC: ABQCSCR
FAX: 505/344-1906
Company arranges and contracts commercial charter operations and provides marketing services and operations and service support to air carriers. The company also provides military contracting services to air carriers through its CSI Military Services Unit in Falls Church, Virginia.

Chelton, Inc.
P.O. Box 976
698 Metro Park Circle
Lewisville, TX 75067
RAA Representative: Jeff Salata
214/221-1783
The distributor and manufacturer of Antenna Systems, Static Dischargers, Portable Testing Equipment, and anti-static paint.

Chrysler Asset Management Corp.
100 Ashford Center North, Suite 120
Atlanta, GA 30338
RAA Representative: Larry Scott
404/392-6769
Fax: 404/392-2178
Aircraft finance and leasing (leverage, single investor and operating leases).

Associate Member Directory

Chrysler Pentastar Aviation
824 Willow Run Airport
Ypsilanti, MI 48198
RAA Representative: Steve Blackstone
313/482-8700

Chrysler Pentastar is a full service aviation support facility specializing in regional airline support with overhaul capabilities of Jetstream 31/Gulfstream 1 Landing Gear, Bandeirante Flap System Components, Convair 240 thru 640 components, Starters, generators, AC/DC Hydraulic Pumps, Motors and Actuators, Pneumatic Valves, Regulators and Actuators, Wheels and Brakes-Corporate and Airline, Life Vest/Raft Sales and Recertification Fuel Pumps and Valves.

The Coca-Cola Company
P.O. Drawer 1734
Atlanta, GA 30301
RAA Representative: Bill Overend
404/676-6306

Coca-Cola USA offers a wide range of high quality beverages. Bottlers sell Coca-Cola, Coca-Cola Classic, Diet Coke, Caffeine Free Diet Coke, Sprite, Diet Sprite, Fanta Brand Mixers. The Foods Division offers chilled Minute Maid orange juice.

Collins Avionics
400 Collins Road NE
Cedar Rapids, IA 52498
***RAA Representative:* John R. Wilson**
319/395-4005

Collins Avionics manufactures a complete line of advanced avionics for regional airline aircraft applications around the world. Collins Avionics products aboard these aircraft include communication, navigation, flight control, flight displays, weather radar and associated products. The Collins TWR-850 is the only solid-state turbulence weather radar available to regional airline operators, and offers significant operational advantages compared to conventional radar. Special Collins support programs are offered for regional airlines, and Collins support and repair facilities are strategically located worldwide.

See our advertisement on page 15 .

Colorado Aero Tech
10851 W. 120th Ave.
Broomfield, CO 80020
RAA Representative: W.C. Bottoms
800/888-3995

Offer training for A&P certificate over a 16 month program. Classes start every 5 weeks with openings on all three (Mids-Days-Swings) shifts.

In July 1989 a new Avionics Program will be offered. This 18 month program will provide the student with basic understanding of aircraft electronics.

Commuter Air International Magazine
Publisher's Office:
4425A Forbes Blvd.
Lanham, MD 20706
301/731-0157
Publisher: John F. Gorsuch
Editorial offices:
6225 Barfield Road
Atlanta, GA 30328
404/256-9800
Editor: Greg Landers
RAA Representative: John F. Gorsuch

COMMUTER AIR INTERNATIONAL magazine is the only monthly publication edited exclusively for the commuter/regional airline industry world wide. Its editorial direction provides in-depth coverage of the people, products and regulatory changes affecting the industry. Feature articles focus on business categories including air frames, engines, avionics, maintenance, ground support, in-flight services, finance, computers, and more. Regular monthly departments include new products, management changes, Washington Wire, calendar and airline statistics.

Commuter Air Transports, Inc.
14700 No. Airport Drive
Suite 223
Scottsdale, AZ 85260
RAA Representative: N. Keith Nickels
602/951-6288
FAX: 602/998-1239

Manufacturer of CATPASS commuter aircraft as well as kits for partial or full conversion of Beechcraft King Air 200's and 100's. The CATPASS 200-15, configured from the popular King Air 200, is certified in numerous countries including the USA where it is certified under the stringent FAR Part 135 Appendix A. This aircraft is high in performance, besting the Beechcraft 1300 in virtually every category, and is low in acquisition and operating costs.

Other exclusive items available for Beechcraft products include forty and sixty cubic foot cargo pods, zero fuel weight increase kits, high density seats, aft seats and custom high density commuter interiors with individual oxygen, lighting, etc. for each passenger. These and other products are all designed with current technology for the commuter/regional carrier.

Commuter World/The Shephard Press
111 High Street
Burnham Bucks
SL1 7JZ England
RAA Representative:
Publisher/Editor Alexander Shephard
Editor: Ian Harbison
Burnham (628) 604311
Telex: 846575
FAX: (628) 664334

COMMUTER WORLD is published bi-monthly and provides credible and detailed international coverage of the commuter, regional and short-haul industry. Our circulation of 10,883 (ABC audited) is carefully controlled to ensure we reach key decision makers. The Shephard Press also publishes HELICOPTER WORLD, DEFENCE HELICOPTER WORLD, AEROSPACE COMPOSITES & MATERIALS and SPACE.

See our advertisement on page 123.

Conoco Inc.
600 N. Dairy Ashford Road
P.O. Box 4784
Houston, TX 77210-4784
RAA Representative: Dennis Neff
713/293-1534

Supplier of Jet Fuel, and Av-Gas.

Construcciones Aeronauticas SA (C.A.S.A.)
Rey Francisco, 4
Spain
Madrid 28008
RAA Representative: Carlos Grandal
Telex No.: 27418

CASA was founded in 1923 and it has been manufacturing several types of aircraft since that time.

For the commuter market, CASA manufactures the C-212 Aviocar Passenger/Cargo Aircraft, powered by two Garrett TPE-331-13. The C-212 is able to carry up to 28 passengers and is marketed by CASA USA Inc., in the United States.

CASA also manufactures the CN-235 aircraft, pressurized turboprop powered by two GE CT7-9 engines and able to carry 44 passengers.

Continental Express
1301 Fannin Street
Suite 1425
Houston, TX 77002
RAA Representative: Lance Perrin
713/853-9700

Continental Express is the Commuter Division of Continental Airlines.

Crowell & Moring
1001 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2505
RAA Representative: Calvin Davison
202/624-2650

Lawyers at Crowell & Moring, a large, diversified Washington law firm, specialize in most phases of aviation law, including regulatory, litigation and legislative matters. Most regulatory work is before the Department of Transportation and the Federal Aviation Administration, but includes practice before other Federal agencies. Crowell & Moring lawyers also have substantial experience in international aviation matters, postal rate and contract issues, and airport access litigation.

Dash Group, Inc.
2913 Windmill Road
Building 3, Suite 7
Reading, PA 19608
RAA Representative: Gary Klock
215/670-1441

Dash provides turnkey solutions to scheduled airlines for maintenance, inventory, purchasing, job costing, operations, flight scheduling and following, crew logs, revenue accounting and ticket auditing, general ledger, accounts payables and receivables, payroll, fixed assets, freight and fuel accounting. Full consultation services available including customization, training and continued support.

The Dee Howard Co.
9610 John Saunders Road
San Antonio, TX 78216
***RAA Representative:* Stephen D. Townes**
512/821-4090

The company performs major maintenance, modifications and heavy structural repairs for all transport aircraft. In addition, the company is known worldwide for high quality interior installation, avionics and systems upgrades and re-engining projects.

See our advertisement on page 2.

Deloitte & Touche
1010 Grand Avenue
Kansas City, MO 64106
RAA Representative: Richard B. Green
816/474-6180

Deloitte & Touche is an international certified public accounting firm offering services in accounting, auditing, tax, and management consulting. The firm's Airline Industry Group serves a number of international and domestic airlines, including many regionals.

Delta Air Lines, Inc.
Hartsfield Atlanta Int'l Airport
Atlanta, GA 30320
RAA Representative: Richard Lowry
404/765-2628

Delta Air Lines enters the 90's continuing its commitment to a close working relationship with individual regional carriers to provide connecting services through its major hub locations. These carriers use Deltamatic reservations system, as well as sharing marketing, advertising and operational support.

Delta's fleet of over 400 aircraft is the youngest of the nine largest U.S. airlines. Delta now has over 500 aircraft on order or option valued in excess of $23 billion, introducing the Boeing 767-300 extended-range aircraft to service its European markets this summer.

Delta continues its program of carefully planned growth in both domestic and international markets with the addition in 1989 of Albany, Buffalo, Rochester and Syracuse, New York; Huntsville, Alabama; Wichita, Kansas; Milwaukee, Wisconsin; Hamburg, West Germany; and Bangkok, Thailand. In early 1990, service was inaugrated to Grand Rapids, Michigan; and Providence, Rhode Island, while the summer of 1990 adds Amsterdam, the Netherlands, and Corpus Christi, Texas. Summer also marks the beginning of Delta's transcontinental flights between Los Angeles and Newark and new hourly service between Los Angeles and San Francisco.

As an airline which takes pride in its customer service, Delta leads the industry in passengers satisfaction. Since 1974 Delta has received the fewest number of customer complaints per 100,000 passengers flown, according to U.S. Department of Transportation records.

Dixon Aircraft Component
1100 Mountain View Avenue, #A
Oxnard, CA 93032
RAA Representative: Rudy Dixon
805/486-1297

Dornier Aviation (North America), Inc.
22455 Davis Drive
Suite 100
Sterling, VA 22170
***RAA Representative:* Horst Steinberg**
703/444-8300

Dornier is a division of Deutsche Aerospace and a member of the Daimler-Benz group. Characterized by growing international cooperation, Dornier's activities include aviation, space technology, defense systems and medical technologies.

Dornier Aviation North America offers full sales, marketing, finance and product support for the Dornier 228 and Dornier 328 regional aircraft. The 19-seat passenger Dornier 228 aircraft series incorporates Dornier's New Technology Wing for higher payloads, lower fuel consumption and improved handling. In the 1990s, the new Dornier 328, designed to be a fast and comfortable regional airliner for up to 33 passengers, will further compliment the aircraft program. The 328 offers high cruising speed and short block times with low operating costs.

See our advertisement on page 16.

Dowty Aerospace Corporation
Product Support Division
P.O. Box 5000, Sully Road
Sterling, VA 22170
FAA Repair Station #MS1R333K
RAA Representative: W.M. Brockie
703/450-8200

This U.S. full service company provides product support, repair and overhaul for Dowty equipment - propellers, landing gear and hydraulic units for the BAe 146, 748 & Jetstream 31, Convair 600, 640, Dash 8, F-27, FH-227, F-28, Gulfstream I, Metro III, SF-340, Shorts 330 & 360 and YS-11.

Messier-Hispano-Bugatti equipment - landing gear and hydraulic on the ATR-42.

DAC also repairs and overhauls Non-Dowty equipment such as Jetstream, Boeing 727 & 737 landing gear; flap transmissions, and actuators.

In house capability for NDT, machining shot peening and plating.

Dual Mode Air Vehicles
2205 W. Division Unit G4
Arlington, TX 76012
RAA Representative: John Stowe
817/265-8843

Research and development.

Duncan Aviation, Inc.
Municipal Airport
P.O. Box 81887
Lincoln, NE 68501
RAA Representative: Larry L. Collier
402/475-2611

Duncan Aviation, Inc. is a full service aviation sales and support facility servicing both general aviation and the airlines. Services provided are aircraft sales; fuel sales; parts sales; aircraft maintenance; avionics and instrument repair and overhaul; and aircraft modifications. Other specialties are turbine engine repair and overhaul; accessory repair and overhaul; propeller shop; and technical service representatives.

Duncan's avionics, instrument, and accessory departments are one of the largest in the country with over 80% ship-in units. Try our quick turn around and free loaners.

Aircraft modifications specialize in aircraft painting; design, installation, and certification of avionics systems, auxiliary power units, entertainment systems, cabinets, and interiors. Paint dry stripping is now available for your aircraft.

The Law Offices of Michael Dworkin
One Embarcadero Center, Suite 370
San Francisco, CA 94111
RAA Representative: Michael L. Dworkin
415/433-1321

Law office specializing in aviation matters-including FAA/NTSB/DOT; airport use and access; insurance; aircraft and equipment acquisition and disposal; contract services; and certification.

Eastern Airlines, Inc.
Miami International Airport
Miami, FL 33148
RAA Representative: Rick Blake
305/873-6150

Eastern Airlines operates a fleet of modern jet aircraft throughout North and South America. As of February 1, 1990, its route system covers more than 85 cities in the U.S., Canada, the Bahamas, the Caribbean, and South and Central America. Eastern coordinates services with commuter airlines because it recognizes the value of providing timely connecting service to numerous regional destinations, primarily from its Atlanta hub. Additionally, through its Flight Support Services Division, Eastern makes available to all commuter affiliates a comprehensive enroute aeronautical VHF and HF communication network on a subscription basis.

EBA Inc., The Blalock Assoc.
P.O. Box 814782
Dallas, TX 75381
RAA Representative: Mark D. Blalock
214/699-3947

EBA Inc., The Blalock Associates is an aerospace and industrial product and service firm. Activity in the aerospace markets relate to the manufacture, sales and marketing of aviation ground support equipment. EBA's Aercart line of ground environmental units provide ground cooling/heating to corporate, commuter and military aircraft. The PowAercart CPU provides 28 DC ground power at up to 2000 amps peak and is ideal for regional/commuter aircraft. EBA Blalock also offers the HydrauliCart Hydraulic test systems and pressurization test systems. Other EBA

products include 400 Hertz Frequency converters, 28 Volt DC Rectifiers, ducting lavatory cart ducting, fuselage air connectors, and most major GSE engine spare parts.

EMBRAER Aircraft Corp.
276 S.W. 34th Street
Ft. Lauderdale, FL 33315
***RAA Representative:* Newton Berwig**
305/524-5744

Building on the continued popularity among U.S. regionals of its 30-passenger EMB-120 Brasilia turboprop transport, EMBRAER is expanding its production and support facilities, and is developing an entire family of advanced regional transports. The Brasilia is still the fastest and most efficient regional transport, but the CBA-123 19-passenger propfan and EMB-145 45/48-passenger turbofan-powered transports will be still faster and more cost-efficient. Designed to work together in integrated fleets, the EMBRAER family of advanced regional transports will satisfy passenger demands for improved service as well as airline requirements for efficient tools to open profitable new markets.

See our advertisement on page 59.

Embry-Riddle Aeronautical University
600 S. Clyde Morris Boulevard
Daytona Beach, FL 32114
RAA Representative: Eric Doten
904/239-6000

Embry-Riddle Aeronautical University is the world's largest and oldest, totally aviation-oriented, accredited university. Founded in 1926, Embry-Riddle is a private, independent, co-educational institution with residential campuses in Daytona Beach, FL, and Prescott, AZ, and a network of off-campus centers in the U.S. and Europe. Embry-Riddle offers academic degrees through the Master's level in the disciplines of engineering, computer science, avionics, aviation maintenance, flight and business administration.

Fairchild Aircraft Corporation
P.O. Box 790490
San Antonio, TX 78279-0490
RAA Representative: Dave Norgart
512/824-9421

Fairchild specializes in the manufacture of 19-seat passenger turboprop Metro III commuter airliners as well as Expediter cargo and priority package aircraft, Merlin IVC executive/corporate turboprops and military/special mission aircraft. A total of more than 430 Metro and Expediter aircraft are in operation by more than 50 operators around the world as of December 1988.

Fairchild Aviation Recorders
Box 3041
Sarasota, FL 34230
***RAA Representative:* Phillip Wright**
813/371-0811

Manufacturers of Cockpit Voice Recorders, and Solid State Flight Data Recorders (SSFDR), Digital Flight Recorders for Air Transport, Commuter and General Aviation Aircraft.

See our advertisement on page 116.

FFV Aerotech Asia
Chase Plaza, 23B Floor
JL. Jend. Sudirman Kav. 21
Jakarta Indonesia 12910
RAA Representative: Staffan Yliner
Int + 62 21 5700489

FFV Aerotech Asia specializes in overhaul and maintenance, as well as in financing assistance/leasing and trading of commercial aircraft, engines and spare parts.

FFV Aerotech, Inc.
Two International Plaza Drive
Nashville, TN 37217
RAA Representative: Don Martin
614/367-2100

FFV Aerotech, Inc., based in Nashville, TN, is a U.S. subsidiary of the internationally known FFV Group (Sweden). FFV Aerotech, Inc. is a full-service, high tech repair/overhaul facility specializing in the repair, installation, modification and overhaul of turbo-prop aircraft components and airframe. Support is available "ad hoc" or on a "program" basis including fixed pricing by flight hour, parts exchange and similar arrangements.

Field Aviation West Ltd.
P.O. Box 3186, Station B
Calgary, Alberta T2M 4L7 Canada
RAA Representative: D.E. Thomson
403/275-2111

Field Aviation West Ltd's over 350 experienced employees perform inspections, overhauls, major repair and rebuilds, and modifications to a full range of corporate, commuter and airline aircraft. Field also manufactures aircraft seats and aircraft parts. A modern refinishing facility, part of 330,000 square feet of facilities, handles painting for aircraft up to 737 size while their newest hangar will accomodate a 707 size aircraft, as well as 737's.

First Bank
Transportation Financing Division
First Bank Place
Minneapolis, MN 55402
RAA Representatives: Michael J. McGroorty, Gary J. Perkins, Ronald A. Larson, Frederick M. Vaetten
612/370-4848

First Bank provides loans and equipment financing to the regional and commuter airline industry. The Transportation Division is closely aligned to Matrix Leasing International Inc., a subsidiary of First Bank. Matrix, one of the leading leasing authorities in the field, offers expertise in creative lease structures. As a team, First Bank and Matrix offer financing options that include single investor leases, vendor and operating lease programs, non-recourse lending, leverage leases, sale-leaseback transations and other specialized lease programs.

As part of First Bank System, with assets over $20.8 billion, we have access to extensive capital for funding and underwriting transactions. This allows arrangement of creative credit programs to support our client's needs.

Flightplan International
309 Coral Way
Fort Lauderdale, FL 33301
RAA Representative: Kirk Mueller
305/523-0711
FAX: 305/523-0038

Provide brokerage, appraisal consulting and asset management services to financial clients and select referrals, provide sales and leasing of aircraft to the Regional Airline Industry.

FlightSafety International
300 Metropolitan Square
655 15th Street, N.W.
Washington, DC 20005
***RAA Representative:* E. G. Gieske**
202/639-4066
FAX: 202/638-2670

Among the more than 100 simulators operated by FlightSafety are every aircraft popular among regional and commuter airline operators. As the authorized training organization for Cessna, deHavilland, Fairchild, Gulfstream, Beechcraft, ATR-42, and Piper, these include the Metroliner, SAAB 340, Gulfstream I, 400 Series Cessna Piston Twins, Twin Otter, Dash 7, Dash 8, ATR-42 and Piper Navajo. In 1987, FlightSafety began a $150 million program to manufacture and operate a fleet of Phase II simulators for all popular regional airliners including the Beech 1900, Brasilia 120, Jetstream 31, Dash 8-300, Shorts 360, Saab 340, ATR 42/72, Fokker 100 and Metro III. FlightSafety provides type specific training programs for over 50 different models of aircraft. Maintenance training is provided at most of its 36 Learning Centers.

See our advertisement on page 44.

FLYING Magazine
1633 Broadway
New York, NY 10019
RAA Representative: Richard M. Koenig
212/767-6951

FLYING Magazine's editorial package is concentrated entirely on the aviation market. We serve the regional airline industry with positive and supportive editorial. FLYING Magazine is read by the majority of regional airline industry people on a monthly basis.

Fokker Aircraft U.S.A., Inc.
1199 North Fairfax Street, Suite 500
Alexandria, VA 22314
***RAA Representative:* Stuart Matthews**
703/838-0100

Fokker, Dutch manufacturer of civil and military aircraft for over 60 years. Today specializing in short haul and medium haul commercial markets with the new Fokker 50 - a 50-seat aircraft emphasizing economy, comfort and quality-and the new Fokker 100- a 100-seat fanjet aimed at providing passenger comfort at low cost and an

unmatched profit potential. Both ideally suited to performance, economic and passenger appeal requirements of the airlines, and fully backed by comprehensive support facilities.

See our advertisement on page 34-35 .

Ford and Harrison
600 Peachtree-At-The-Circle
1275 Peachtree Street
Atlanta, GA 30309
RAA Representatives: Michael H. Campbell, Thomas J. Kassin
404/888-3800

Los Angeles Office:
10100 Santa Monica Blvd.
Suite 1095
Los Angeles, CA 90067
213/551-1125

Ford & Harrison is a law firm specializing in representing management in the various areas of the law involving personnel and labor matters including the Railroad Labor Act, the National Labor Relations Act, the Fair Labor Standards Act (wage-hour law), the Equal Pay Act, the Age Discrimination in Employment Act, Title VII of the Civil Rights Act, and state laws regulating employment. The firm's practice representing airlines includes counseling on employment policies and practices, handling of representation elections, arbitrations, contract negotiations, discrimination charges, wrongful termination lawsuits and litigation involving these matters under federal and state laws, and handling of matters arising under the Federal Aviation Act including representation of airlines in regulatory matters before the Federal Aviation Administration and National Transportation Safety Board.

Fortis Prop Jet
3990 Westerly Place, Suite 210
Newport Beach, CA 92660
RAA Representative: Wesley C. Moore
714/476-8288

Fortis Prop Jet is a member of the Fortis Aviation group of companies that offer a complete selection of aviation services worldwide through major offices located in the UK at London Airport-Stansted, Los Angeles, California and Perth, Australia.

The services provided for Regional Airline Aircraft are remarketing and leasing programs, technical and market valuations, lease management and formal appraisals.

Each office is fully staffed to aid clients to achieve a complete market exposure for their projects on a worldwide basis. Additionally, every phase of the transaction from negotiations to the export and delivery procedure is coordinated on behalf of the client as appropriate.

Frank B. Hall & Co., Inc.
Hall Aviation Division
261 Madison Avenue
New York, NY 10016
RAA Representative: William D. Tillotson
212/922-1300
Western Region
3200 Wilshire Boulevard
Los Angeles, CA 90010
213/386-3700

Frank B. Hall is an international leader in insurance and reinsurance brokerage, employee benefits consulting and risk management services. Hall began as one of the first specialists in aviation coverage almost 70 years ago and has literally grown up with the industry. Hall serves commercial airlines throughout the world and serves aerospace manufacturers, airports, and company owned aircraft. Hall is experienced in handling every aspect of aviation coverage from ground operations to satellite ventures.

Frasca International, Inc.
906 E. Illini Airport Road
Urbana, IL 61801
RAA Representative: Rudy Frasca
217/344-9200

Manufacturer of flight simulators

Furst Aircraft, Inc.
185 Berger Street
Wood-Ridge, NJ 07075
RAA Representative: Amanda Wood
201/438-2100

Furst Aircraft, Inc. is a supplier of new and overhauled avionics, instrumentation, airframe parts and accessories and test equipment. Complete sales, exchange and rental programs available.

We also have an engineering department with design and manufacturing capability.

Future Aviation Professionals of America (FAPA)
4959 Massachusetts Blvd.
Atlanta, GA 30337
RAA Representative: Wes Powell
404/997-8097

FAPA (Future Aviation Professionals of America) is a career information service for pilots, flight attendants and aviation maintenance technicians. Founded in 1974 by military pilots who were looking for airline jobs, today FAPA strives to help aviation professionals reach their career goals by producing accurate and timely information on employment opportunities, and by promoting rational career planning and development. There are approximately 25,000 pilots, maintenance technicians and flight attendants who are FAPA members.

FAPA's pilot services aim to meet the needs of pilots at various stages of career development. Beginning pilots can turn to the Career Pilot Starter Kit, while pilots actively climbing the career ladder can use a full-service membership which includes an employment guide, a directory of employers, an annual salary survey, 12 issues of Career Pilot magazine, a monthly Job Report newsletter, and telephone interview briefings from seasoned airline pilots. Pilots who have met their career goals still can benefit from the industry updates and financial planning features in Career Pilot magazine.

FAPA also assists those companies who are looking for qualified pilots using its new Aviation Job Bank. Within 48 hours, FAPA provides a bound volume of computer resumes based on the company's description of the type of pilot it needs. The service also is available for aviation maintenance personnel.

Aviation maintenance and flight attendant members receive employment guides, directories of employers, salary surveys and monthly Job Report newsletters, and all three career services include access to computerized telephone briefings on major airline interviews.

FAPA also provides an aviation resume service, resume kits, a pilot training guide, simulator training manual, interview testing study kit and medical manual. In addition, FAPA brings together aviation professionals and airline hiring representatives at Airline Career Day seminars held several times a year in cities around the country.

Statistics and hiring forecasts compiled by FAPA frequently are used by the national media when covering aviation topics and FAPA has developed a reputation for being experts on such topics.

For more information about any FAPA service or product, phone (404) 997-8097 or 1-800-JET-JOBS (800-538-5627).

Garrett Auxiliary Power Division
P.O. Box 5227
Phoenix, AZ 85010
RAA Representative: Scott Brandenburg
602/220-3138

The Garrett Auxiliary Power Division, a unit of Allied Signal Aerospace Company, designs, develops, and manufactures gas turbine auxiliary power units and secondary power systems.

Having manufactured more than 55,000 auxiliary power units since 1948, the Garrett Auxiliary Power Division is the worl's leading producer of auxiliary power units for the airlines, the military, business aircraft, industrial, and marine applications. Designed specifically for the regional airline market, the Garrett model GTCP36-150 auxiliary power unit is used by more than 50 opertors worldwide on the Embraer EMB-120 and CBA 123, Fokker 100, BAe ATP, Saab 340, Dornier 328, Canadair 601RJ, and the BAe 146.

Garrett Engine Division
111 S. 34th Street
P.O. Box 5217
Phoenix, AZ 85010
***RAA Representative:* David A. Pishko**
602/231-2589

The Garrett Engine Division, Phoenix, Arizona, is a unit of Allied-Signal Aerospace Company, Torrance, California. Garrett has produced nearly 12,000 TPE331 engines and has over 47 million hours of operating experience. The Garrett TPE331-5 is used on the Dornier 228 aircraft. The BAe Jetstream 31 and CASA 212 have 1,000 shp TPE331-10 engines, while the Fairchild Metro 3 is 1,000 shp TPE331-11s. The TPE331-12 engine powers the new Jetstream 32. BAe has

designated the TPE331-14 to power the 29 passenger Jetstream 41.

The Garrett TPF351-20 engine is a new 2,000 shp class engine selected for the Embraer/CBA123 aircraft. First flight of this engine is scheduled for early 1990 with deliveries to begin in 1991.

See our advertisement on page 113.

Garrett General Aviation Services Division
2401 E. Magnolia
P.O. Box 29003
Phoenix, AZ 85038
***RAA Representative:* Darrel F. Downing**
602/225-2553

Garrett General Aviation Services Division of Allied Signal Aerospace Company offers worldwide service and support for all Garrett products aboard Garrett-powered regional airline aircraft. The Division serves the regional airline industry with aircraft maintenance, engine overhaul, parts distribution, field support, and technical training.

See our advertisement on pages 60, 125.

GE Aircraft Engines
1000 Western Avenue
Lynn, MA 01910
***RAA Representative:* Bruce Bromby**
617/594-4772

GE is a major manufacturer of aircraft engines for the world's commercial airline fleets. The Small Commercial Engine Department is responsible for turbofan and turboprop engines used in regional airliners. The CT7 Turboprop powers the SAAB-340, the CASA-IPTN CN-235 and the Bromon BR-2000. The CF34 Turbofan powers the Canadair Regional Jet and the GLC38 Turboprop is a candidate engine for the new large high speed turboprop airliners. In addition, GE is a partner in the CFE Company which is providing the CF3738 for regional jet aircraft.

See advertisement on page 83.

Global Weather Dynamics, Inc.
2400 Garden Road
Monterey, CA 93940
RAA Representative: Bruce Teigen
408/649-4500

Global Weather Dynamics, Inc. (GWDI) is a high-technology weather-services and computer-systems company providing customers around the world with total flight management and weather information systems.

GWDI's mainframe Weather Data Base contains aviation, public, media, and marine weather information. Customers can dial into GWDI using a personal computer, or they can access GWDI through existing ARINC or SITA terminals.

GWDI provides two additional services for an airline's flight operations center: the Flight Control System (FCS) and the Global Weather Information Satellite System (G*WISS). The FCS is a terminal that is connected to GWDI's mainframe computer for communications, weather information, graphics, flight planning, and other dispatch functions. G*WISS operates on a powerful Unix-based desktop computer, providing more capabilities than the FCS, with all programs and processing residing on G*WISS. G*WISS accepts weather data, via satellite or land line, from the National Weather Service or the FAA. G*WISS's modularity permits the customer to begin with the base system and add optional modules as required.

Global-Wulfsberg Systems
2144 Michelson Dr.
Irvine, CA 92715
RAA Representative: Randy Lincoln
714/851-0119

Manufacturer of Navigation Management Systems and Communications Systems: Flexcomm and Basecomm.

Goodner Bros. Aircraft Inc.
Intermountain Regional Airport
P.O. Box 1387
Mena, AR 71953
RAA Representatives: Junior Goodner and George Reeb
501/394-4709

Aircraft painting and refurbishment from Pitts Special to Boeing 727. Quality work at a reasonable price, 27 years in continuous operation. Maintenance Division is a certified repair station for Fokker F-27 and F-28; Short Brothers SD3-30; DeHavilland DHC-2, DHC-3, DHC-6; Embraer EMB-110; Jetstream; Metroliner and Saab 340. All types of aircraft modification, maintenance, repair, weighing and D.A.R. services available.

Gulf Coast Aviation
479 Industrial Boulevard
Naples, FL 33942
RAA Representatives: Norm Piasecki and Tim Constantine
813/643-5012

Gulf Coast Aviation specializes in Class I, II and III accessories including starter generators, Barber Colman valves, blowers, inverters, voltage regulators, hydraulic pumps and more. All featuring the highest quality and extremely fast turn times at below industry prices. Specialized NDT and metalization.

Gulf Coast Aviation's avionics shop features Class I, III and III ratings and limited instrument rating. Avionics work includes Collins, Bendix/King, Narco, Terra, 3M, Northstar, STS, IIMorrow and more. NAV/COM and radar are featured.

The Gulf Coast Aviation wheel and brake shop currently services units by Loral, BFGoodrich, Goodyear and Dunlop. The wheel and brake shop boasts the lowest pricing structure in the industry and the highest standards of quality. "Discounted contracts available"

Hamilton Standard, Div. of United Technologies Corp.
One Hamilton Rd.
Windsor Locks, CT 06096
RAA Representative: Richard S. Trevethan
203/654-2568

Sales and service of propellers, air condition, fuel controls and gearboxes to the regional airline industry.

Hartzell Propeller Products Division
One Propeller Place
Piqua, OH 45356-2634
RAA Representative: Jimmie A. Reedy
513/778-4377

Since 1917 — from solid walnut propellers designed for the Wright Brothers after their first manned flight at Kitty Hawk, to the development of special propellers designed for the non-stop, around-the-world flight of the Voyager — Hartzell has been designing and manufacturing propellers and accessory equipment.

Current propeller models range from two to six blades of composite or metal material. Looking ahead to the needs of the nineties, Hartzell is developing a product line which will position the company as a supplier of propellers for the new generation, higher horsepower regional aircraft market.

Hartzell's entire product line is backed by an experienced sales and service team offering worldwide product support and parts availability, in-house technical training and 24-hour worldwide service and technical assistance.

Hartzell — a company where the tradition of excellence is as important today as it was in 1917, and where the decal placed on every propeller blade still reads "Built on Honor".

Heads Up Technologies
8001 Lemmon Ave., Suite 276
Dallas, TX 75209
RAA Representative: Robert Harshaw
214/351-4806

Heads Up Technologies manufacturers audio Checklist & Management Systems and Cabin Briefing Systems.

Hermetic Aircraft International Corp.
100 Corporate Drive
Holtsville, NY 11742
RAA Representative: Michael J. Harvey
516/758-4242

Warranty, overhaul and repair agency for U.S. and European manufacturers, specializing in French manufactured equipment; also sales and distribution.

Hogan & Hartson
555 Thirteenth Street, N.W.
Washington, DC 20004
RAA Representative: E. Tazewell Ellett
202/637-8644

Hogan & Hartson is a large national law firm based in Washington, DC, with a broad-based practice in the areas of litigation, commercial law, taxation, antitrust, and administrative law. The firm's aviation practice is equally broad-based, offering RAA members substantial experience in virtually all aviation legal issues, including aviation administrative, regulatory, and enforcement matters; aircraft leasing and financing; commercial matters; airport access and noise issues; air carrier operational issues; and

DOT consumer and economic issues. The firm's aviation practice group represents the interests of its aviation clients before the Department of Transportation, the Federal Aviation Administration, and other U.S. Government agencies, and before the U.S. Congress and agencies of foreign governments. The partnership of the firm includes two former General Counsels of the FAA, George U. Carneal and E. Tazewell Ellett.

Honeywell, Inc.
5353 W. Bell Road
Glendale, AZ 85308
***RAA Representative:* William H. Shelton**
602/863-8000

Honeywell is a major supplier of high technology integrated avionics systems for the entire aviation industry. A broad line of products and systems are designed and manufactured specifically for transport and regional air carrier aircraft. Honeywell's integrated systems and products are supplied to most regional air carrier aircraft manufacturers as standard or standard options. Modernization avionics products and systems are also available for existing airline fleets.

See our advertisement on cover 3.

Howmet Corp.
6202 Central Freeway
Wichita Falls, TX 76307
RAA Representative: Jim Nuse
817/855-8401

Howmet Corporation is a recognized world leader in the manufacture of precision investment castings for jet aircraft and other gas turbine engines. The company also is an important supplier of superalloys and titanium products. The company's component refurbishment operation specializes in the overhaul and repair of hot section components for the engines of all turbine powerplant manufacturers, the PT6, ALF502, CF6, JT8D, JT15D, and the PW100.

Hudson General Corporation
111 Great Neck Road, PO Box 355
Great Neck, NY 11022
RAA Representative: Warren J. Regan
516/487-8610

Hudson General provides a broad scope of services to the industry at various key airports throughout the U.S. and Canada. Such services include: aircraft ground handling, air freight operations, cargo warehousing, passenger handling services, aircraft maintenance, sky cap services, ramp cleaning, airline fuel management services, aircraft fueling, fuel sales, snow removal, equipment maintenance and ground transportation; sell, lease, maintain and remanufacture GSE and snow removal equipment; leasing of hangar, office and tie-down space. With such a broad array of services supporting the airline industry, Hudson General is widely recognized as one of the major aviation service companies in North America, having a reputation of professionalism and quality service performance.

Hughes Training Systems, Inc.
2116 Arlington Downs Road
Arlington, TX 76001
RAA Representative: Ken Williams
817/695-2018

Hughes Training Systems (HTS) is a strategic business unit of the Hughes Aircraft Company. The HTS charter is to "solve training problems and guarantee solutions." As the focal point for all Hughes' training resources, HTS provides a single source for cost effective, integrated training systems, simulators, trainers, and support services to meet the requirements of all programs, large or small. Hughes is the best vertically-integrated training systems company in the world today. Through HTS, over 7,000 training professionals world-wide are at your service to provide everything from a front-end analysis to a turnkey total training system.

Iacobucci Corporation
7107 Valjean Avenue
Van Nuys, CA 91406
RAA Representative: Robert A. Costley
818/787-4222

INFLIGHT SERVICE CARTS. Meal, beverage, waste, duty-free sales, and folding carts. Standard and custom designed to individual specifications.

Indiana Beechcraft Inc.
P.O. Box 51830
Indianapolis International Airport
Indianapolis, IN 46251
RAA Representative: Lawrence K. Hamm
317/241-2893

Indiana Beechcraft is a Beechcraft authorized distributor for all Beechcrafts; specializing in support of model 99, C-99, & 1900 commuter aircraft. Indiana Beechcraft is a supplier of Beechcraft spare parts, Pratt and Whitney PT6 and Garrett TPE331 hot section parts.

International Air Academy, Inc.
2901 East Mill Plain Boulevard
Vancouver, WA 98661
RAA Representative: Arch Miller
206/695-2500

The Tech Center
2326 Millpark Drive
St. Louis, MO 63043

2980 E. Inland Empire Blvd.
Ontario, CA 91764
800/234-1350

International Air Academy, Inc. provides the Airline Industry with graduates from its Air/Travel School and offers training on a contract basis. The Air/Travel School and the training offered on a contract basis includes ticketing, reservations, management, tariffs and telephone sales.

International Aviation and Travel Academy
300 W. Arbrook Blvd.
Arlington, TX 76014
RAA Representative: Bob Woody
800/678-0700

5757 Alpha Road, Suite #101
Dallas, TX 75240

9310 Max Conrad
Spring, TX 77379

International Aviation and Travel Academy's corporate philosophy is to recognize and fulfill the needs of the travel and transportation industry and those who choose to pursue careers in these industries. IATA provides training for advanced automated reservation systems. IATA subscribes to the American Airlines SABRE system at all three locations for the Travel and Tourism programs. With superior functional capabilities, our computer based training includes connecting schedules, all domestic local and domestic joint fares, plus many specially constructed fares, and hotel and ground transportation data. In addition to hands-on training, each student participates in the audio-visual enhanced lecture series which allows opportunity for discussion and consultation.

IATA's Spring campus offers intense training for the Airframe and Powerplant program. With a Federal Avition Administration approved curriculum, numerous aircraft and engine types are utilized in the program to provide the student with a broad educational background in aviation mechanics. Over twenty-five engines are used by the students in conjunction with cutaways, video tapes, charts, mock-ups, and photographs to provide a well-rounded education in aircraft technology.

IATA also offers contract training. We can fulfill initial startup needs or provide recurrent training programs in a wide range of skills and knowledge areas. Customized training programs are also available.

Inter-State Weather Training, Inc.
10617 Vincent Avenue South
Minneapolis, MN 55431
RAA Representative: Dean Nesley
612/885-1933

Inter-State Weather Training provides specialized weather equipment sales to airports and airlines. We install complete weather stations or as specified by users. We conduct weather observer training seminars at user locations and in Minneapolis, MN. All of our work meets or exceeds the FAA and National Weather Service Specs for SAWRS. All Inter-State employees are retired from the National Weather Service.

IPTN Aircraft
1700 K Street, N.W.
Suite 504
Washington, DC 20006
RAA Representative: Don Eirich
202/785-3225

IPTN Aircraft, the aerospace industry of Indonesia, manufactures a wide array of helicopters and turboprop transport. For the U.S. market, IPTN offers the CN-235, a fourty-plus seat commuter airliner featuring a pressurized cabin and an effective QC

Associate Member Directory

capability. For the future, IPTN is developing the N-250, a wide-body commuter with 50 seats of jet liner comfort. Projected rollout is for the mid-90's.

IVEX Corporation
4355 International Boulevard
Norcross, GA 30093
RAA Representative: Robert B. Nichols
404/564-1148

IVEX Corporation is engaged in the design and manufacture of visual image generating systems. The IVEX product line includes systems designed for basic flight training devices and ATD, FAA Compliant Visual, Phase I and Phase II simulators. IVEX offers extraordinary realism in full daylight, dusk, and night modes.

Jeppesen Sanderson, Inc.
55 Iverness Drive East
Englewood, CO 80112
RAA Representative: Robert S. Hopkins
303/799-9090

Jeppesen Sanderson, Inc. provides information services, training materials and pilot supplies to the civil aviation industry. Information services consist of world coverage of updated flight information charts and pages for pilots and navigation data for computerized systems data bases. Integrated pilot training systems materials consist of audiovisual, texts, workbooks and associated student supplies covering initial and refresher training. Pilot supplies are associated with flight information and training.

Jeppesen Data Plan is the premier supplier of value-added aviation weather graphics and computerized flight planning services to the airline industry. Tailored exclusively to meet the unique demands of the aviation industry, Data Plan's weather graphics service provides several benefits over DIFAX-based services. Maps are produced for both broad and regionalized geographic coverage: compositing techniques deliver precisely the type and depth of information that dispatchers and flight crews need; high resolution displays and print-outs enhance readability; maps are produced on convenient cock-pit sized paper; and all Lockheed graphical weather products are ICAO and FAR complaint. Data Plan's computerized flight planning and aviation weather services can be accessed on demand, or automatically delivered according to your airline schedule, via PC work station. Contact Debra Woods (408/866-7611 or 800/FLTMGMT).

Jepson Burns Corp./Trans-Aero Industries
502 North Oak Street
Inglewood, CA 90302
RAA Representative: Tom Mallett
213/412-1772

Trans-Aero Industries, Inc. is a major overhauler and refurbisher of airline passenger seats. The company offers a variety of options for overhaul and refurbishing, including a seat exchange program and a kit for in-house refurbishing. In addition, the company markets new and refurbished cabin attendant seats and seat components.

Jet Electronics & Technology, Inc.
5353 52nd Street, S.E.
Grand Rapids, MI 49508
RAA Representative: Dale R. Christiansen
616/949-6600

Jet Electronics and Technology, Inc. manufacturers standby attitude indicators, vertical and directional gyroscopes, emergency power supplies, static inverters, flight control systems, display systems, AHRS and Head-Up Displays.

Jet Turbine Service, Inc.
3933 California Parkway
Forth Worth, TX 76119
RAA Representative: Peter LoBello
817/536-0012

Provides (1) spare parts for Aircraft, powerplants and APU's (2) Sells and leases Jet engines and Garrett APU's.

Turbine Management Corporation, a subsidiary company of Jet Turbine Service, Inc. provides engine management for overhual or repair of small turbine engines and APU's providing technical and material support, engine sales and leasing.

Johnson & Higgins
125 Broad Street
New York, NY 10004
RAA Representative: Thomas W. Small
212/574-8172

Johnson & Higgins is one of the world's largest insurance brokers with a global network of offices throughout the United States, Canada and most major countries in the world. J&H has a separate aviation department in New York with specialists in many branch offices. J&H offers a comprehensive insurance program designed specifically for commuters.

Jonas Aircraft & Arms Co., Inc.
225 Broadway
New York, NY 10007
RAA Representative: Robert S. Jonas
212/619-0330
FAX: 212/619-2743

7311 Northwest 12th Street
Suite #17
Miami, FL 33123
305/591-5982
FAX: 305/591-5985

This company services a distributor for the Britten-Norman Islander aircraft for commuter airlines and has full stock of aircraft parts and accessories in the United States.

Started by Mr. Frank Jonas in 1927, the company has been in aviation since 1934.

Kavouras, Inc.
6301 34th Avenue South
Minneapolis, MN 55450
RAA Representative: Steve Madsen
612/726-9515

Kavouras, Inc. is the leader in providing weather related products and services to the airline industry. Kavouras, Custom Forecasting Services are currently used by over 30 major and regional airlines. These Kavouras Forecast products replace the often vague and misleading NWS issued Terminal & Area Forecasts, with clear and concise operationally usable Forecasts.

Kavouras' full line of weather display and dissimination equipment can meet the needs of any carrier large or small. From the popular line of dial-up RADAC Color Weather Radar Remoting Systems, to the satellite based VISTA and METPAC pilot/dispatcher graphic briefing stations.

Additionally Kavouras offers a complete aviation weather data base accessable via ARINC ADNS, dial-up modem, satellite communications, or direct link dedicated lines to your facility.

Key Airlines
4375 Las Vegas Boulevard North, #11
Las Vegas, NV 89115
RAA Representative: J.D. Peterson
702/644-6403

Flag and domestic charter/contract air carrier.

Kollsman Avionics Division
220 Daniel Webster Highway
Merrimack, NH 03054
RAA Representative: Tom Henry
603/889-2500

The Kollsman Avionics Division develops and manufactures flight and engine instrumentation for commercial, military and regional aircraft throughout the world. A worldwide network of sales representatives, authorized service facilities and dealer/installers support Kollsman's flight instruments.

KPMG Peat Marwick
2020 N. Central Avenue, Suite 1200
Phoenix, AZ 85004
RAA Representative: Robert A. Fenimore
602/253-2000

Professional accounting firm offering services in accounting and auditing, tax planning and research and airline-related consulting services in such areas as management information systems and data processing alternatives, financing alternatives, planning and budgeting, statistical revenue accounting applications, maintenance and inventory controls, executive compensation and employee benefits.

Kubota Tractor Corporation
P.O. Box 7020
Compton, CA 90224-7020
RAA Representative: Doug Fencl
213/573-2531
FAX: 213/631-2715
Corporate Office:
550 W. Artesia Blvd.
Compton, CA 90220

Kubota offers two (2) tow-tractors, both with dependable diesel engines which run on either No. 2 diesel or Jet A fuel. Kubota tow-tractors are supported by a nationwide dealer organization for parts and service.

Kurth & Company, Inc.
4400 MacArthur Blvd., N.W.
Suite 303
Washington, D.C. 20007
RAA Representative: Charles B. Kurth
202/342-1691

Kurth & Co., Inc. is an established commuter/regional airline planning firm with over 80 years experience in all aspects of the airline business. Strengths include pricing, scheduling, traffic forecasting, market & fleet planning, financial/business planning, aircraft appraisals/inspections/residual value estimates and labor negotiations. These disciplines have been applied to start up, reorganization, merger/acquisition, DOT 419 subsidy bid/negotiations and public offering projects in addition to traditional market/business planning studies.

Lektro, Inc.
1190 SE Flightline Drive
Warrenton, OR 97103
RAA Representative: Stephen K. Sipe
503/861-2288

Lektro, Inc. is a manufacturer of Battery-Powered Ground Handling Equipment. Lektro's unique design of hydraulically lifting up the nose gear of aircraft ranging up to 100,000 lbs., eliminates the need for towbars and related attachments. Lektro's solid state controls allows for extremely smooth operation regardless of speed or conditions. Without the need for tow-bars, maneuvering in confined areas is made safe and easy. Included also in the Lektro Tug is bu lt-in GPU, allowing it to also be used as a portable start cart as well.

Lone Star Turbines
120 Hill Street
Keller, TX 76248
RAA Representative: Cliff Horne
817/379-5367
FAX: 817/431-5934

Lone Star Turbines (LTS) was formed in 1988 as a company dedicated to the regional airline and business aviation industry. Capabilities include supplying airlines, corporate operators, and after-market support groups with spare parts, accessories, and engines as required. LST also buys outright or takes on consignment equipment surplus to the operators needs. LST is strategically located near Dallas/Ft. Worth Airport which can provide same-day shipment on orders to both east and west coasts in the U.S. and any destination in Europe. Products supported are PT6, TPE331, Dart, Spey, JT3, and JT8.

LORI
6930 N. Lakewood
Tulsa, OK 74101-3629
RAA Representative: Lynn Brown
918/272-4541

LORI, an affiliate of NORDAM, manufacturers, repairs and overhauls heat transfer components. These include oil coolers, heat exchangers, precoolers and valves. LORI also repairs and overhauls metal to honeycomb brazed components such as combustion liners and exhaust nozzles.

LTCB Trust Company
140 Broadway
New York, NY 10005
RAA Representative: Kenneth P. Kramer
212/248-2220

Lending and structuring of financing for acquisition of aircraft.

Lucas Avitron
One Circle West
P.O. Box 120039
Stamford, CT 06902
RAA Representatives: Rebecca Wood or Paul F. Belisle
203/351-8400

Exclusive aftermarket and international OEM representative for Lucas Aerospace Power Equipment Corporation and Lear Romec Company. Headquarted in Stamford, Connecticut with offices in Munich, London, and Rome. Operates over 35 Lucas Avitron/Lucas Aerospace Power Equipment Corporation service centers.

MagneTek Transducer Products
650 East Street
Simi Valley, CA 93065
RAA Representative: Felix H. Medak
805/581-3985

Manufacturer of multi-axis accelerometers primarily in flight data recording applications. Pressure transducers for hydraulic and oxygen systems. FAA approved repair station.

Marsh & McLennan, Inc.
1221 Avenue of the Americas
New York, NY 10020
RAA Representative: Raymond C. Brooks
212/997-4628

The world's largest insurance brokers, Marsh & McLennan is broker for leading trunk airlines, regional airlines, major airframe manufacturers, power plant manufacturers and component manufacturers. Included in its portfolio are a number of commuter airlines, and Marsh & McLennan operating through its Aviation Co. intends to make further penetration into all segments of the aviation industry.

Matrix Aviation
1701 S. Hoover
Wichita, KS 67209
RAA Representative: Wayne Grossardt
316/942-0844

Matrix Aviation, Inc. is a stocking distributor of aircraft avionics, instruments and components. We offer sales, support, lease and exchange. Our company offers a twenty-four hour A.O.G. service HOTLINE for support of our customers. We are also engaged in the purchase of surplus equipment as well as consignment sales of customer inventory.

MCC Financial Corporation
8180 Greensboro Drive
Suite 920
McLean, VA 22102
RAA Representative: Jim Walker
703/847-6595

Metro Credit Corporation, is an independent leasing company with a portfolio of aircraft leased to commuter airlines. As a continuing investor and lessor in equipment for the commuter industry, we provide lease financing for all types and manufacture of equipment including aircraft, ground equipment, communication systems and computers.

McCauley Accessory Division
3535 McCauley Drive, P.O. Box 430
Vandalia, OH 45377
RAA Representative: Chuck Rocco
513/890-5246

McCauley is the world's largest supplier of aircraft propellers. Our commitment to regional airlines is to supply four bladed propellers that are light weight, reasonably priced, with low maintenance cost. The current propeller replacement program for the Fairchild Metro and Jetstream 31 aircraft can save the airlines thousands of dollars in direct operating expenses. After fifty years, it is still quality and performance that sets us apart from the others.

McDonnell Douglas Finance Corporation
3855 Lakewood Boulevard
C1-900 18A-3A
Long Beach, CA 90846
RAA Representative: Steve Nevin
213/593-8365

McDonnell Douglas Finance Corporation is a full service financing company offering tax oriented and conditional sales financing on commercial aircraf for trunk and regional airlines. MDFC offers a variety of financing products, including operating leases, longterm tax oriented leases and vendor programs. The company is committed to maintaining a significant presence in the regional aircraft financing marketplace.

McGuire, Woods, Battle & Boothe
2000 Pennsylvania Avenue, NW
Washington, DC 20005
RAA Representative: Curtis M. Coward
703/356-2200

McGuire, Woods, Battle & Boothe is a national law firm with offices in Washington with substantial experience in leasing, tax securities, labor and litigation. To add to this solution-oriented, creative and cost-effective approach, it has added Curt Coward to its team to provide legal services to the aviation industry. In addition to its full line of services, the firm can provide RAA members with legal advice on FAA enforcement proceedings, DOT economic and consumer issues, airport noise and access cases, antitrust concerns, airline marketing developments, and aircraft acquisitions.

Associate Member Directory

The Memphis Group
3900 Willow Lake Boulevard
Memphis, Tennessee 38118
RAA Representative: John Temple
901/362-8600
FAX: 901/365-1482
After Hours AOG 901/763-5748

A supplier of overhauled and certificated avionics, instruments, engine and airframe parts and accessories, and test equipment. The Memphis Group specializes in NAV/COM, ADF, Transponder, Flight Director, DME, VLF/Omega, Inertial navigation, weather radar and other avionics and instruments. Additionally the group maintains a large inventory of airframe and engine parts and rotables. Airframe and engine inventory includes spares for Lear, Falcon, Jetstar, Boeing 707, 727, 737, Lockheed L1011, Twin Otter, Beech 99's, 1900's and many other airframes.

The Mescon Group, Inc.
60 Executive Parkway South
Suite 100
Atlanta, GA 30329
RAA Representative: Peter V. Agur, Jr.
404/728-0110

We are an organization design consulting firm with an area of expertise in aviation. Our client services range from classic organization and business management development to sophisticated approaches to creating an effective disaster management program. Our goal is your success.

Michelin Aircraft Tire Corporation
150 Springside Drive
Akron, OH 44313
RAA Representative: Dave Abbott
216/374-3109

Aircraft tires.

Mid-Canada Equipment Sales Ltd.
1932 Brookside Blvd
Winnipeg MB R3C 2E6
RAA Representative: Linda Eryou
204/694-1700

Mid-Canada is a major supplier of new and refurbished ground support equipment. Our line of new products has been designed and priced with regional operations in mind. It features the "Old Faithful" De-icer, a variety of ground power units including the "Mighty-Multi" Mobile Unit, as well as disabled passenger boarding equipment. Mid-Canada also maintains a balanced inventory of used ground support equipment.

Midcoast-Little Rock, Inc.
P.O. Box 1149, 12th & Calhoun St.
Little Rock, AR 72203
RAA Representative: George Smith
501/375-9891
FAX: 501/372-2073

Midcoast-Little Rock, Inc. does major and minor repairs, overhauls, and maintenance; engine changes and hot sections; airframe, structural, system inspections and modifications, and other associated work. Trained A&P and FCC technicians are available to support Midcoast customers worldwide whether it is at their home base or in the field. Midcoast-Little Rocks' prop shop is rated for major and minor repair and overhaul on Hartzell, Hamilton Standard, Sensenich, and McCauley propellers; and is an authorized service facility for McCauley. Midcoast has a Class I accessory rating which includes overhaul and repair of brakes, wheels, landing gear, starter/generators and fuel nozzles. Midcoast-Little Rock is also a F.A.A. licensed Class I, II, and III avionics repair station with F.C.C. licensed avionics specialists. In addition to avionics, Midcoast-Little Rock has a Class I, II, and III instrument shop with a speciality in engine instrumentation. Midcoast-Little Rock is factory authorized or F.A.A. certificated to provide support on the following: Westwind, Jetstream 31, 32, Gulfstream Commander, Fairchild Merlin/Metro, Piper, Falcon 10, -20, -50, -100, -200, -900, Pratt & Whitney PT6, JT15, Garrett TPE331-1/-14, Sabreliner, Citation, King Air, Challenger, MU-2, Lear, Collins, Bendix/King, Honeywell/Sperry, Global/Wulfsberg, J.E.T., Foxtronics, Fairchild, and Canadian/Marconi to mention a few. Midcoast-Little Rock is the only holder of a S.T.C. to convert a Fairchild Metro II to a cargo hauling aircraft.

Midway Airlines, Inc.
5959 south Cicero Avenue
Chicago, IL 60638
RAA Representatives: Rick Larsen and Mark Hartman
312/838-4805

Midway Airlines offers coast-to-coast service in the United States as well as service to Canada, the U.S. Virgin Islands and the Bahamas from hubs at Chicago's Midway Airport and Philadelphia International Airport. From Midway Airport, located 11 miles from downtown Chicago, Midway Airlines offers non-stop jet service to 34 cities, including New York and Los Angeles, eight Florida destinations and points in all regions of the country. The Midway Commuter, a wholly owned subsidiary, offers Midway Connection service from Midway Airport to 18 Midwestern cities within 250 miles from Midway Airport. From Philadelphia, Midway Airlines offers non-stop service to 19 cities, including Montreal and Toronto in Canada and other key business and leisure destinations in the Northeast and Southeast.

Midway Airlines operates the following aircraft: MD-87, MD-88, DC9 and Boeing 737. The Midway Commuter operates 19-seat Dornier 228 turboprop aircraft. By year's end, the company's fleet will total 98 aircraft, including MD-82s, MD-83s and the commuter's 28-seat Embraer (Brasilia) 120s.

Midway maintains maintenance facilities at Midway Airport and Philadelphia International Airport and also operates Midway Aircraft Engineering, a wholly owned subsidiary, at Miami International Airport.

Mitsui Nevitt Capital Corporation
3333 Michelson Drive
Irvine, CA 92715
RAA Representative: Steve Alexander
714/852-9631

Bridge financing, leveraged debt, equity placement, and underwriting advisory services.

Daniel Morton & Company, Inc.
Three Landmark Sqare
Suite 400
Stamford, CT 06901
RAA Representative: E. Daniel Morton
203/325-9055

Daniel Morton & Company, a specialist in aviation development banking, is involved in all aspects of regional airline financing. This includes performing evaluations of capital requirements and arranging start-up venture capital, private placements, public offerings, merger/acquisition analyses, and aircraft financings. Additionally, we draw on a unique 30-year mix of experience in both the airline industry and the investment community to advise regional airlines on financial and marketing strategy and financial public relations.

National Consortium For A Drug-Free Workplace, Inc.
1606 King Street
Alexandria, VA 22314
***RAA Representative:* Susan Tavis**
703/739-9511

The National Consortium for a Drug-Free Workplace, Inc. (NCDFW) was founded to assist companies in fulfilling or exceeding Federal regulations for a drug free workplace, as described by the U.S. Department of Transportation, the Department of Defense, and the Drug-Free Workplace Act of 1988.

NCDFW has assembled leading experts in the field of substance abuse to develop a comprehensive and workable plan for industry. This plan incorporates all of the elements necessary for DOT and Non-DOT compliance and has passed the most ridged scrutiny of the Federal Aviation Administration (FAA), receiving their approval in mid-August 1989.

The services offered by NCDFW are of the highest quality and value available in the industry, each directed by a leading specialist in that area.

The National Consortium can provide any or all of the following services:

-Anti-Drug Compliance Program
-Employee and Supervisory Training Programs/ Materials, Including DOT Certification
-Procedures for Required Testing, Including Pre-Employment
-Random Selection and Reporting
-Nationwide Collection Services
-A NIDA Certified Laboratory, and
-Medical Review Officer Services

RAA selected NCDFW to administer the RAA Anti-Drug Consortiums providing personalized service to airlines and aviation contractors nationwide.

See our advertisement on page 124.

Northwest Aerospace Training Corp.
2600 Lone Oak Point
Eagan, MN 55121
RAA Representative: Alec White
612/726-6000

Northwest Aerospace Training Corporation provides pilot training services to the international airline community. NATCO specializes in designing and developing training programs to the specific needs of the customer. Complete certification programs include classroom, CBI, fixed base and full flight simulator, and aircraft instruction. Special courses, conducted at the customer's pilot base, are available for Cockpit Resource Management and International Flight Procedures.

Official Airline Guides, Inc. (OAG)
2000 Clearwater Drive
Oak Brook, IL 60521
RAA Representative: Susanne Fred
708/574-6000

As the travel industry sources of airline schedule and fare information, OAG, Transportation Guides Division, publishes eleven quick reference guides benefiting the traveling public. Four world area Pocket Flight Guides compliment the North American and Worldwide editions, and the Electronic Edition Travel Service. The Air Cargo Guide features worldwide cargo schedules and rates.

Utilizing its vast computerized data base, OAG produces reservation load tapes, timetables, schedule and tariff products and services and customized magnetic tape products for airline worldwide. OAG also supplies flight scheduling software for airlines of all sizes, with its OASIS product.

Ontario Aircraft Sales & Leasing Inc.
P.O. Box #466, R.R. #5
Peterborough, Ontario
Canada K9J 6Z3
RAA Representative: John Gillespie
705/742-9631

Sales, leasing and refurbishment of Beech 99 and King Air Aircraft.

PacAero
P.O. Box 3226
Burbank, CA 91504
RAA Representative: Tom Hodges
818/841-7800

Aviation Part Distributor and Supplier. Factory authorized distributor for Allied-Signal Electric Power Division, Mechanical Products (Circuit Breakers), Elcon (Battery Products), Airborn (Linear Connectors), Hella (Interior/Exterior Lighting), Aircraft Appliances and Equipment (Tach Generators), Phoenix Aerospace (Electrical Devises), DIEHL (Emergency Lighting), Teleflex Syneravia (Lighting/Windshield Systems), Lucas Aerospace Power Equipment and Transmission Power Divisions and Parker Hannifan Air Starters and Valves. Approved FAA Repair Station 417-10. Overhaul all Electrical accessories including solid state controls, used on US and foreign-built aircraft and helicopters. Provides Export Support Services. Exchange units available.

Pacer Systems, Inc.
4 Horsham Business Center
300 Welsh Road
Horsham, PA 19044
***RAA Representative:* Ron Handy**
215/657-7800

Pacer Systems designs and builds Flight Training Devices (FTDs) used to train pilots in normal and emergency procedures, instrument flight and navigation. Pacer's FTDs employ a proprietary distributed processing architecture for faster computing and improved realism. Cockpit-specific and generic models, available for multi-engine, jet or turboprops, can be configured for up to Level 7 FTD certification. Visual Systems or Motion Bases are optional. Pacer also produces computer-based task trainers which provide specific instruction in individual flight-related systems such as electronic flight instrument or navigation systems.

See our advertisement on page 33.

Pacific Propeller, Inc.
P.O. Box 1187
Kent, WA 98035
RAA Representative: Roger A. Pearson
206/872-7767

Pacific Propeller, Inc. (PPI) is an FAA repair Station No. NQ3R719L for repair and overhaul of all makes of aircraft propeller systems and related accessories. PPI is a distributor/dealer for Aeroproducts, Hartzell and McCauley propeller systems and is the world's largest independent overhaul facility for Hamilton Standard propellers including those used on the DHC-7, DHC-8, EMB 120, ATR42, CV580 and C-130.

Pan American World Airways, Inc.
Pan Am Building
New York, NY 10166
RAA Representative: William R. Lange

Pan Am Express
Northeast Philadelphia Airport
Grant Avenue and Ashton Road
Philadelphia, PA 19114
215/961-2211

Pan Am representation to RAA is handled by Pan Am Express, a wholly owned subsidiary providing regional airline service from Pan Am hubs at New York-JFK, Los Angeles-LAX, Miami-MIA and Berlin-TXL to numerous smaller cities.

Parker Hannifin Corporation
Airborne Division
711 Taylor Street
Elyria, OH 44036
RAA Representatives: Paul LeFevre, Syd Reames
216/323-4676

Aircraft Wheel & Brake Division
1160 Center Road
Avon, OH 44011
RAA Representative: John Bakos or Rodger Dickson
800/BRAKING or 216/937-6211

Airborne Division manufacturers fuel and pneumatic systems, de-ice systems and environmental control systems. Aircraft Wheel & Brake Division manufacturers Cleveland wheels, brakes and components.

PARS Service Partnership
7300 Tiffany Springs Parkway
Kansas City, MO 64153
RAA Representative: Peter Messenger or Russ Derringer
800/633-7277

PARS offers several levels of airline reservations system hosting capabilities. These capabilities range from fully automatic inventory control, including passenger recommendation, to one designed for the smaller, yet growing carrier. All levels include full SITA/ARINC Interface plus internal message switching. Passenger bookings, plub CSR exposure are also standard components of all levels.

PATS, Inc.
9570 Berger Road
Columbia, MD 21046
RAA Representative: Jeffrey S. Tinter
301/381-5533

Auxiliary Power Units, Fuel Tanks, Airstairs, Airconditioning and Humidifier Systems, and In-flight Refueling Systems.

Peers & Co.
560 Lexington Avenue
New York, NY 10022
RAA Representative: Lawrence J. Twill
212/339-8436

Peers & Co. is a private merchant banking firm owned by Kemper and Long-Term Credit Bank of Japan. Peers, established in 1985, specializes in mergers and acquisitions, and domestic and international financial advisory services and real estate transactions. Peers also makes acquisitions and investments as principal. Peers, through its shareholder affiliations and other relationships, has a particular capability in advising clients on cross-border transactions, primarily involving Pacific Basin and European countries. Peers is able to access the public markets for clients through the Kemper Brokerage subsidiaries.

Phaneuf Associates Incorporated
1030 15th Street, N.W.
Suite #206
Washington, DC 20005
RAA Representative: Roger J. Phaneuf
202/898-1410

PAI is a Washington-based firm with more than 12 years of experience assisting the FAA, the airline industry, and aviation equipment manufacturers. With a staff that includes pilots, attorneys, engineers, auditors, and medical doctors, services cover a wide range of technical subjects. We have extensive experience in FAA regulations, air carrier records systems, marketing and

organizatinal studies, and safety analysis. PAI also offers comprehensive assistance with all aspects of the require anti-drug program.

Piedmont Aviation Supply
5125 Blalock Industrial Blvd.
College Park, GA 30349
RAA Representative: Richard L. King
404/765-1850

Piedmont Aviation Supply, a worldwide aircraft parts supplier, offers you a multimillion dollar inventory of major product lines, as well as turbine support/service and an extensive exchange rotable pool specializing in Beech, Piper, Boeing, YS-11 and others. With a fully stocked Aeroquip approved hose shop, Piedmont Aviation Supply is also ready to fill your hose requirements. Call 800/647-3701, AirLine Division Sales. Locations: Albany, GA; Atlanta, GA; Charlotte, NC; Denver, CO; Ft. Lauderdale, FL; Gaithersburg, MD; Honolulu, HI; Kansas City, KS; Los Angeles, CA; Miami/Opa Locka, FL; San Antonio, TX; San Jose, CA; Seattle, WA; St. Paul, MN; Tampa, FL; Winston-Salem, NC.

PLM Transportation Equipment Corporation
655 Montgomery Street
San Francisco, CA 94111
RAA Representative: Marc J. Anderson
415/989-1860

PLM-TEC is a transportation equipment company which offers lease financing and remarketing services for regional and trunk airlines, corporate and medical users of turbo-prop, helicopter and jet aircraft.

PPG Industries, Inc.
Central Bank Building, Suite 777
Huntsville, AL 35801
RAA Representative: Thomas D. Lloyd
205/539-8121

PPG manufactures windshield and passenger windows and other aircraft transparencies for all phases of aviation. Their electrically heated de-ice windshields are used extensively on commercial aircraft manufactured by such companies as Aeritalia/Aerospatiale, Beech, Cessna, deHavilland, Dornier, Embraer, Fairchild, Fokker, Gulfstream, Israel Aircraft and Piper.

Pratt & Whitney Canada
1000 Marie Victorin
Quebec, Canada J4G 1A1
***RAA Representative:* David B. Leslie**
514/647-7677

Pratt & Whitney Canada has a world mandate to design, develop, manufacture, market and support turboprop and turboshaft engines for air, land and sea applications. Aircraft such as the Beech 99 and the 1900, the de Havilland Dash 7, the Embraer EMB-110 and 111, and the Shorts 330 and 360, are powered by PT6 turboprop engines.

The PW100 turboprop, specifically designed for the 30-80 passenger commuter aircraft, has been selected to power seven new generation commuter aircraft — the Embraer EMB-120 Brasilia, the de Havilland Dash 8-300, the Aerospatiale/Aeritalia ATR 42 and 72, the British Aerospace ATP, the Fokker 50 and the Dornier 328.

P&WC employs approximately 10,000 people, of which 2,500 are involved in R&D activities.

See our advertisement on page 58.

PRC Aviation
6262 Swan Road, Suite 269
Tucson, AZ 85718
RAA Representative: R. Dixon Speas
602/299-0410

Professional consulting services with respect to flight equipment selection, management, financial planning, flight operation, maintenance, market study, and forecasting for regional airlines and manufacturers of regional category of aircraft, engines and accessories.

Precise Flight, Inc.
63120 Powell Butte Road
Bend, Oregon 97701
RAA Representative: Michael Demits
503/382-8684

Precise Flight, Inc. has designed a full line of pulselites specifically for the airline industry. The Pulselite Visual Collision Avoidance System is designed to connect to the existing lights (landing, taxi, recognition, logo) of your aircraft. By pulsing these lights alternately, the aircraft recognition is greatly enhanced much like the lights on an emergency vehicle. The life of the lamps can be increased by as much as 15 times. Additionally, because of the lower operating temperature, the life of the outer lens cover is extended. The units are in use by over 200 major U.S. corporations and installed on over 2,500 planes and helicopters world-wide. They are a factory option with British Aerospace, Jalcon Jet, Gulfstream and Sikorsky and are FAA approved and STC'd on virtually all aircraft.

Pretzel & Stouffer, Chartered
One South Wacker Dr., Suite 2500
Chicago, IL 60606
RAA Representatives: Martin A. Kanofsky & Craig A. Chapello
312/346-1973
FAX 312/346-8242

Pretzel & Stouffer, Chartered, represents commercial airlines (Part 91, Part 121 and Part 135), aircraft and component part manufacturers, fixed based operators and regional airlines nationally. Our practice includes extensive experience representing commercial air carriers and related companies and product manufacturers against the entire spectrum of accident and commercial claims. In addition, we regularly represent airlines and related corporations before state Human Rights Commissions nationwide. We offer consulting services to our clients as they pertain to hearings before the National Transportation Board and FAA.

Professional Pilot Magazine
3014 Colvin Street
Alexandria, VA 22314
RAA Representative: Murray Smith
703/370-0606

Written for career professional pilots by career professional pilots. Editorial covers current and future issues, trends, technique, safety, salaries, equipment checks and commentary.

PTC Aerospace
RT 202
Bantam, CT 06750
RAA Representative: William J. Andrews
203/567-9441

Our company specializes in aircraft interiors, seats, closets, aerostructures, and spare parts for any of the above.

Rand McNally and Company DocuSystems Group
8255 N. Central Park Avenue
Skokie, IL 60076
RAA Representative: Kim Kindig
312/673-9100
1/800/346-1685

Rand McNally's DocuSystems Division is the world's leading supplier of passenger related products and the premier airline ticketing specialist. Primary emphasis is placed on design, production, storage and distribution of book, carrier strip, and continuous type tickets, including ATB's. Extended product line includes interline and on-line baggage tags, ticket jackets, boarding passes, airway bills and miscellaneous support documents.

Additional capabilities include developing and processing revenue accounting and data management systems for all airlines and the Airline Reporting Corporation. These include frequent flyer program and various travel related services.

Rapco, Inc.
445 Cardinal Lane/P.O. Box 470
Hartland, WI 53029
RAA Representative: Michael R. White
414/367-2292

Manufacture propeller de-ice lead harnesses, brush blocks and replacement brushes for Hartzell, Dowty Rotel, and McCauley propellers. Overhaul and repair B.F. Goodrich de-ice cycle timers. Manufacture erosion control coating. Manufacture replacement commuter airline brake wear components.

Rediffusion Commercial Simulation, Inc.
P.O. Box RSIM
Arlington, TX 76005
RAA Representative: Marion S. Griffith, Jr.
817/695-2600

Redifussion manufacturers flight simulators, visual systems and training devices, including computer-based training programs.

Regional Leasing Corporation
5700 Columbia Center
Seattle, WA 98104
RAA Representative: Al Ramacciotti
206/382-1500

Regional Leasing Corporation provides aircraft leasing and financing to commuter airlines throughout the world. The Regional staff has provided its clients with various forms of financing: operating or full payout structures; new or used financing; sale/leaseback of equipment; leveraged or single investor; onshore or offshore sources and tax treatment. Regional will invest its own funds in some transactions. The result is that Regional can provide a full range of aircraft services to the commuter/regional airline industry.

In conjunction with the above financing services, Regional also is involved in the acquisition and disposition of specific aircraft or fleets of aircraft.

The Regional philosophy is to act as an investment banker to airlines in acquiring, financing and disposing of their aircraft. We have built very close relationships with our clients and are willing to provide our services in a manner that is best for the airline.

River City Avionics, Inc.
2843 Business Park Drive
Memphis, TN 38118
RAA Representatives: Jim Jeffreys, Jim Rosenbush
FAX: 901/366-7080, Telex: 5106001502

River City Avionics, Inc. provides overhauled and new surplus avionics and instruments for aircraft ranging from cabin class twins to large jets. Equipment available includes COMM, NAV, DME, XPDR, ADF, RAFIO ALT, GPWS, RADAR, FLIGHT DIRECTOR AND AUTOPILOT. River City also buys outright or takes on consignment equipment surplus to your airline's needs.

Riverside/Jets Associates
P.O. Box 3087
Evansville, IN 47730
RAA Representative: A.D. Searl II, or Doug McConnell
812/424-9211 812/424-9211 800/422-JETS

Riverside/Jets provides AV LL 100, Jet A, fuel farm engineering, and ground handling to regional carriers and FBO's throughout the U.S. and Puerto Rico.

Rolls-Royce Inc.
Corporate Headquarters
11911 Freedom Drive
Suite 550
Reston, VA 22090-5602
703/709-2220

Rolls-Royce Inc.
2849 Paces Ferry Road
Suite 400
Atlanta, GA 30339-3769
RAA Representative: P.A.C. (Tony) Oldfield
404/436-7900

Rolls-Royce designs, develops and manufactures a range of gas turbines for commercial and military aircraft including helicopters. Worldwide, 309 airlines, 118 armed forces and 700 business jet customers operate 112 different types of Rolls-Royce powered aircraft in 121 countries.

Rolls-Royce's latest mid size turbofan, the Tay, is now in service powering both the Gulfstream IV business jet and the Fokker 100 aircraft for airline operation with thrust ranging from 13,850 to 15,100 lbs. Seven airlines are currently operating the Fokker 100 including USAir. The Dee Howard Company is re-engining the Spey powered BAC1-11 aircraft with the 15,100 lb. Tay 650 engine, and Rolls-Royce has the 18,000 lb. thrust Tay 670 engine on offer to re-engine versions of the DC9 and Boeing 737-200.

Rolls-Royce (Canada) Ltd.
9500 Cote de Liesse Road
Lachine, Quebec, Canada H8T 1A2
RAA Representative: Gerald G. Sosontovich
514/631-3541

Overhaul, repair and servicing of a wide range of gas turbines including all marks of the Rolls-Royce Dart, Spey and Tay engines. Lease engine and accessory programs and spare parts supply network.

Rosen Product Development, Inc.
P.O. Box 21636
Eugene, OR 97402
RAA Representative: John B. Rosen
503/342-3802

Rosen Product Development, Inc. manufactures cockpit transparent sunvisor systems for large and small aircraft. Multimotion sliding and translating units provide protection from the sun while still allowing pilots to see their traffic. Safety is the key to Rosen's new monorail and NSA sunvisor units sold to regional airlines. Systems are attractively priced and installed in an hour or less in most cases.

Saab Aircraft of America, Inc.
21300 Ridgetop Circle
Sterling, VA 22170
***RAA Representative:* Ron L. Sherman**
703/406-7200

Saab Aircraft of America is responsible for the marketing, sales and product support of the Saab 340 and Saab 2000 new generation regional airliners. The Saab 340 is a pressurized turboprop capable of carrying 30 to 37 passengers. The aircraft is produced by the Saab Aircraft Division of Saab-Scania AB in Linkoping Sweden. In addition to North America, the Saab 340 is operated in Europe, South America, Australia and Asia.

The Saab 2000, currently under development by Saab Aircraft, is a 50 seat, high technology, jetprop regional airliner capable of a speed of 425 miles per hour. First deliveries of the Saab 2000 are scheduled for 1993.

See our advertisement on page 36.

Sage Enterprises, Inc.
999 E. Touhy Avenue
Des Plaines, IL 60018
RAA Representative: Susan Anselmi
708/827-0066

Our company offers total distribution and marketing services to the inflight food service industry.

Salenia Aviation AB
P.O. Box 7826
S-103 97 Stockholm, Sweden
RAA Representative: Peter Gullmarstrand
46-8-7871300

Salenia Aviation AB is a member of the Salenia group of Stockholm, Sweden. The company is engaged in owning, trading and leasing of aircraft, in particular with regard to aircraft used in the related companies SalAir AB (Sweden), Air Bremen (Germany) operating Saab aircraft, and Malmo Aviation AB (Sweden) operating BAe 146, but also offering these aircraft on operating leases to third parties.

Santarelli, Smith, Kraut & Carroccio
1155 Connecticut Avenue #900
Washington, D.C. 20036
RAA Representative: Donald E. Santarelli
202/466-6800

Services provided: Legal and counselling services to aircraft manufacturers and regional airlines.

Satair, Inc.
727 Sullivan Road
Atlanta, GA 30349
RAA Representative: Klavs Larsen
404/991-7900
FAX 404/991-7911

Satair Inc. was relocated to our new strategic location near Atlanta Hartsfield International Airport, Georgia. Significantly expanding activities. Major product support for: Fokker F27 and 28, Fairchild FH227, plus other types of commuter aircraft, as well as distributor lines for the airlines.

Major objectives
-sales and marketing
-liaison office for SATAIR group
-product research
-manufacture and distributor relations

Savance Corporation
500 Davis Center
Evanston, IL 60201
RAA Representative: Bryan Troutman
708/475-2340

Savance Corporation invests for its own account and arranges lease financing of commercial transport aircraft and other aviation related equipment with emphasis on the regional airline industry. Equipment management and remarketing services are also available.

Schneller, Inc.
P.O. Box 670
6019 Powdermill Road
Kent, OH 44340
RAA Representative: Ronald L. Burbick
216/673-1400

Schneller manufactures custom laminates, coated fabrics and hard tufted tapestries all meeting the latest flamability, heat release and smoke requirements of the FAA.

Associate Member Directory

Semco Instruments, Inc.
25700 Rye Canyon Road
Valencia, CA 91355
RAA Representative: S. Guy Moore
805/257-2000
Turbine engine monitoring and recording system. Turbine engine sensors, controls and signal conditioners.

SH & E, Inc.
(formerly Simat Helliesen & Eichner, Inc.)
One University Office Park
Waltham, MA 02154
RAA Representative: Richard Murphy
617/894-6214

90 Park Avenue
New York, New York 10016
212/682-8455
Route and fleet planning, aircraft appraisals/inspections/ residual value estimates, Section 419 subsidy applications, management consulting, financial planning, mergers & acquisitions analysis, market research and feasibility studies, data bases and management information systems.

Short Brothers (USA), Inc.
2011 Crystal Park Drive
Suite 713
Arlington, VA 22202-3719
***RAA Representative:* A. Oakley Brooks, Jr.**
703/769-8700
Specialists in design, production, and support of regional/commuter aircraft. Product range includes the 36 seat Shorts 360, which went into service in December 1982, and the 30 seat Shorts 330 airliner; the 330 has also been modified to fill the role of bulk freight and small package feeder aircraft. All aircraft feature widebody appeal, low noise levels, and superior fuel productivity. Shorts also produces the Skyvan utility aircraft and aerostructures for other manufacturers.
See our advertisement on cove: 4.

SICMA
1006 North Bowen Road
Arlington, TX 76012
RAA Representative: Terry Dixon
817/861-5491

Engineering and Product Support Center
7230 N.W. 58th Street
Miami, FL 33166
RAA Representative: Don Barrow
305/592-7428
FAX: 305/592-1076
Seat manufacturer.

Simmonds Precision-Product Support Operations
5250 N.W. 33 Avenue
Ft. Lauderdale, FL 33309-6301
RAA Representative: Dominic J. Scardino
305/497-0100
Provide overhaul, repair and exchange for all Simmonds Precision fuel quantity systems, engine ignition systems and Actuator(s). Only factory authorized source for service of Pitch Trim Actuator(s) on Fairchild Metro and Saab 340. Manufacturer of calibration equipment for A.C. capacitance and D.C. capacitance fuel quantity systems.

Southern Cross Aviation, Inc.
375 Durley Ave.
Camarillo, CA 93010
RAA Representative: Mark Eberle
805/388-4778
Southern Cross Aviation is in the business of international and domestic aircraft delivery. During our 15 years of existence, we have delivered more than 2000 aircraft to over 100 countries worldwide.
We perform every aspect of the delivery process from pick up to drop off at delivery point. Our quotes are all inclusive so you will find no surprise charges after delivery is complete.
We handle virtually all aircraft types and have served some of the most prominent organizations in the commuter airline industry.
Please call our California office for a competitive quote.

Space Age Aviation
165 W. Nyack Road
West Nyack, NY 10994
***RAA Representative:* Michael Delia**
914/353-1666
Space Age Aviation is a stocking distributor of commercial and turbine aircraft engines and engine parts, specializing in hot section parts, blades, vanes and overhaul components. Inventory consists of 5000 line items of new, surplus and overhauled original equipment manufactured parts. We provide overhaul exchanges for most hot section and power section components. We also provide services to manage surplus and consignment inventories.
See our advertisement on page 126.

Standard Aero
33 Allen Dyne Road
Winnipeg, Manitoba, Canada R3H 1A1
RAA Representative: R.A. (Art) Carter
204/775-9711
Standard Aero provides overhaul services for Allison 501 and 250 series engines, Lycoming T53 & T55 engines, PWC PT6A engines, General Electric T58 engines, and a wide variety of engine and airframe accessories. Most models of engines and accessories are available on an exchange basis and several engine types are available for rent. Turbine engine maintenance courses are offered at Winnipeg or customer's own location. Field service is provided 24 hours a day from Dallas, Charlotte, Van Nuys, Vancouver, Montreal & Winnipeg. SAL London, England is the European Distributor and Direct Service Dealer for the Allison T56/501. An International Office in Bellevue, Washington exports parts and overhaul services to all seven continents.

Sundstrand Data Control
15001 N.E. 36th Street
Redmond, WA 98073-9701
RAA Representative: Ron Barry
206/885-8362
Manufactures flight safety, control, and maintenance-related avionics equipment, such as cockpit voice recorders, flight data recorders, windshear detection systems, GPWS, stall warning computers, and airborne communication and data managernent systems.

Sundstrand Power Systems
Advanced Technology Group
Sundstrand Corporation
4400 Ruffin Road
P.O. Box 85757
San Diego, CA 92138-5757
RAA Representative: Phil Peluso
619/569-5886
Manufacture and overhaul of gas turbine auxiliary power units (APUs).

Superior Air Parts, Inc.
15050 Beltwood Parkway East
Addison, TX 75001
RAA Representative: John Herman
214/233-4403
Superior Air Parts, Inc. is the world's largest supplier of FAA-PMA replacement parts for the PT6 turbine engine and Lycoming and Continental piston engines.
Superior is also a leading distributor for other major aviation related manufacturers including Aeroquip and Barry Controls.
Strategically located regional distribution centers in Alaska, California, Colorado, Florida, Illinois, Oregon, Pennsylvania and Texas insure that Superior provides same-day shipment on orders.

Systron Donner
2731 Systron Drive
Concord, CA 94518-1355
RAA Representative: Brian M. Seck
415/674-6733
FAX: 415/671-9840
The Safety Systems Division of SYSTRON DONNER, since 1962, has been engaged in the design and manufacture of highly reliable engine fire and overheat detection and protection systems for military, general aviation, and commercial aircraft. Our modern facility in the San Francisco Bay area houses the integrated functions of design engineering, research, development, environmental testing, machining, manufacturing, assembly, and quality assurance. Our added aspect of active customer interaction affords our marketplace a multi-dimensional program of product and support quality.

System One Corporation
2120 Park Place
El Segundo, CA 90245
RAA Representative: David Pallavicini
213/335-7464
System One's Airline Services is the world's largest provider of automation services to the airline industry. SHARES, the

most successful and widely used passenger reservations/processing system in airline history, is now available for all airlines, from the smallest commuters and regionals to the largest international mega-carriers. Over 70 airlines use System One's Phoenix, the world's premier flight planning service - offering flexibility through the widest range of cost effective features available in any system anywhere. Other flight operations systems and services include crew management, flight control, weather, runway analysis, and flight operations engineering services. Well over 90 airlines use System One's industry baggage tracing systems (Easy Trac and ACTS) and baggage claim system, BCCFS. A full range of consulting services, including feasibility studies, custom software development, expert systems expertise, and staff support services is also offered.

Teledyne Avionics
P.O. Box 6400
Charlottesville, VA 22906
RAA Representative: A.W. Galusha
804/973-3311

Teledyne Avionics manufactures: Angle of Attach measurement, indication and control systems, Stall Warning Systems, Vertical Speed Indicators (IVSI), Power Analyzer and Recorder - Turbine Engine Health Monitor.

Teledyne Neosho
3551 Doniphan Drive
P.O. Box 648
Neosho, MO 64850-9199
RAA Representative: M.A. (Dutch) Barbettini
417/451-1810

Teledyne Neosho is one of the Teledyne, Inc., Companies. We are a diversified company engaged in the manufacture of aircraft precision gears and the overhaul of turbine and jet engines for the business and commuter airline market. Teledyne is the appointed overhaul agency for General Electric on the CJ610/CF700 Engines, AVCO LTS/LTP101 Engine, and the Garrett TPE331.

Textron Aerostructures
P.O. Box 210
Nashville, TN 37202
RAA Representative: Jeff Torell
615/360-5888

Textron Aerostructures, a wholly-owned subsidiary of Textron Inc. offers a full range of engineering services using three dimensional computer-aided design network capable of connecting us via satellite link directly with our customers across the U.S. and overseas.

For over 50 years, Textron Aerostructures has produced a wide variety of aerospace structures using advanced metals and composite materials in both commercial and military aircraft programs.

Current programs include Airbus A330/A340 wing components, British Aerospace 146 wing, Gulfstream IV wing, Lockheed C-130 empennage components, McDonnell Douglas C-17 Transport spoilers and flap vanes, and Titan IV Missile solid rocket booster components for Hercules Aerospace.

Textron Lycoming
550 Main Street
Stratford, CT 06497
***RAA Representative:* Joseph A. Mauriello**
203/385-3148

As an original equipment manufacturer of turbofan, turboprop and turboshaft engines, Textron Lycoming's principal activities include the sale of engines, modules, accessories, spare parts, and product support services to aircraft operators. These support efforts include setting up overhaul and repair facilities with the necessary test equipment to aid in the maintenance of these engines.

See our advertisement on page 128.

Thrustair Inc.
12300 Gladstone Avenue
Sylmar, CA 91342
RAA Representative: Gary Baker
818/768-2222

FAA Repair Station 4907 Accessory Class 1. Superior quality with competitive turn times for over 20 years providing the following services: pneumatic valves and actuator overhaul, hydraulic valves and actuator overhaul, thrust reverser and component part overhaul, and new part manufacturing to your specifications.

Time Aviation Services, Inc.
9255 San Fernando Road
Sun Valley, CA 91352
RAA Representative: John Butler
818/768-6598

Stockists and distributors of jet, turbine & piston expandable & rotable components, consisting of engines, avionics, hydraulics, instrumentation, wheels and brakes. Approved manufacturing of aircraft maintenance tooling and ground support equipment for McDonnell Douglas and Fokker Aircraft.

Il Morrow, Inc.
P.O. Box 13549
Salem, OR 97309
RAA Representative: Ron Marsh
503/581-8101

Loran C Aviation Navigation Equipment. Both VFR and IFR. Loran C simulators and regulated equipment. Marine navigation equipment and Vehicle Tracking Systems.

Trans World Airlines
100 S. Bedford Road
Mt. Kisco, NY 10549
RAA Representative: Debbie King or Larry Thierman
914/242-3145/3364

TWA has always been a leader in aggressively pursuing Interline Traffic Agreements with commuter and regional airlines, resulting in substantial passenger exchange and impressive revenue sharing. With a firm commitment to our four Trans World Express carriers and to further expansion, TWA continues to grow as an industry leader in the development of a strong and mutually profitable regional airline network.

In keeping with the guiding principle of the RAA, TWA salutes all regional airlines and extends special thanks and recognition to Trans States Airlines, Air Midwest, Metro Airlines Northeast and Jet Express, all Trans World Express partners.

The Trump Shuttle, Inc.
LaGuardia Airport
Marine Air Terminal Building
Flushing, NY 11371
RAA Representative: Bruce Nobles
718/446-9400

Air transportation service between New York, NY; Boston, MA; and Washington, DC.

Turbo Power, Inc.
6321 N.W. 74th Avenue
Miami, FL 33166
RAA Representative: John Rigby
305/592-3195

Turbo Power provides overhaul and repair services for the Allison T56/501 and P&W PT6A engines. A product support group provides preventative diagnostic and post delivery support on a worldwide basis. TPI also provides sale, lease and exchange programs and HSI services.

Unison Industries, Inc.
7575 Baymeadows Way
P.O. Box 17880
Jacksonville, FL 32245
RAA Representative: Bradley D. Mottier
(904) 739-4000
(second facility)
530 Blackhawk Park Ave.
Rockford, IL 61104
815/965-4700

Unison Industries is the world's largest manufacturer of ignition systems for turbine and reciprocating engines for aircraft and industrial applications. Unison's Jacksonville facility (formerly Bendix Engine Controls Division) manufactures turbine ignition systems, (exciters, igniter plugs, leads), permanent magnet alternators and regulators, engine and airframe electrical cables. Unison's Slick Aircraft Products designs and manufactures magneto and wiring harness ignition systems for reciprocating engines.

United States Aircraft Insurance Group
1 Seaport Plaza
199 Water Street
New York, NY 10038
RAA Representative: Michael L. Sweeney
212/952-0100

A group of independent insurers which provides facilities for all forms of aviation insurance available, hull physical damage, aircraft liability, airport liability, aircraft products liability, hangar keepers liability and workers compensation. All USAIG operations are managed by U.S. Aviation Underwriters Inc., a separate corporation which has worldwide authority to accept or reject proposals, specify rates, bind risks, settle claims, and issue policies of insurance on behalf of the group.

Associate Member Directory

Universal Navigation Corporation
3260 E. Lerdo Road
Tucson, AZ 86706
RAA Representative: Donald D. Berlin
602/741-2300

Universal Navigation Corporation manufactures and markets the UNS-1 product line of Flight Management and Navigation Management Systems, nav sensors, and CVR-80 Cockpit Voice Recorder.

Flight and Nav Management System features include auto scanning DME-DME, multiple nav sensor ports, VNAV, Direct-To, Heading Mode, 3-D Approach Mode and Fuel Management. Nav database subscriptions can be regionalized and include SIDs, STARs and Approaches.

The CVR-80 Cockpit Voice Recorder features 80 minutes of recorded history and microprocessor-controlled self-tests. A portable Test Set enables onboard-aircraft diagnostics and testing.

University of North Dakota
Center for Aerospace Sciences
Box 8216, University Station
Grand Forks, ND 58202
RAA Representative: John D. Odegard
701/777-2791
FAX: 701/777-3016

The Center for Aerospace Sciences is an international leader in aviation education and flight training. Housed in a sleek $18 million complex on the University of North Dakota campus in Grand Forks. Features full range of state-of-the-art simulators. Air traffic control simulators. High altitude chamber. CBI instructional labs. The Center's flight operations feature over 100 aircraft — largest private fleet of training aircraft in the world. Includes jets and turbine helicopters. Complete in-house maintenance facility — operated 24 hours a day. Fully computerized dispatch and flight planning rooms. Delicafeteria. Based at Mark Andrews International Airport — fully instrumented airport with modern FAA air traffic control tower, automated flight service station, and with parallel runways. Over 100,000 flight training hours logged annually. FAA certificates/ratings: pvt., comm., instru., Citation I, ATP, M.E., M.E.I., CFI, CFII, seaplane rating and aerobatic instruction. Aviation degrees: aviation administration, airport administration, aeronautical science, airway science. Other degrees: meteorology, space studies, computer science. Students: 2,300. Public-private partnerships throug UND Aerospace Foundation include airline ab initio pilot training, rotory-wing training, aerospace physiology training, industry seminars, CBI development, software engineering, aviation weather services.

USAir Group, Inc.
2345 Crystal Drive
Arlington, VA 22227
RAA Representative: Gordon Linkon
703/418-7070

USAir Group's USAir Express Division leads and directs the activities of USAir Express operators under marketing and code sharing agreements with USAir, Inc.

The eight USAir Group Express operators operate over 150 aircraft on a route network that serves over 100 cities in the USA, Canada and the Bahamas.

Van Beurden & Associates
P.O. Box 67
Kingsburg, CA 93631
RAA Representative: Mark F. Matthews
209/897-2975

Van Beurden & Associates is a regional insurance broker with 10 offices in California. As a member of the Greenwich Group, Van Beurden & Associates is a part of a national network of 12 regional independent agencies. VBA specializes in all forms of transportation insurance.

WECO Inc. Aerospace Systems
Sacramento Area:
P.O. Box 547. 1020 Airport Road
Lincoln, CA 95648
RAA Representative: William H. Weygandt
916/645-8961
FAX: 916/645-1547

Southern California:
4206 W. Burbank Boulevard, P.O. Box 6547
Burbank, CA 91505
818/845-8711
FAX: 818/745-2972
TELEX: 69-8522

WECO provides overhaul services for electrical aircraft accessories including rotables and solid state components. Exchange units are available for most aircraft. FAA approved repair station No. UQ3R902L. Distributor/service center for Lucas (Lear Siegler), Bendix, J.E.T. Electronics, Marathon Flight-tronic, Hartman, General Electric, Auxilec, Bronzavia-Air Equipment.

West Virginia Air Center, Inc.
P.O. Drawer 340
Bridgeport, WV 26330
RAA Representative: R. Darryl Devitt
304/624-9822

Full range, regional/commuter airline maintenance support center. Specializing in airframe inspections, structural repairs, modifications, conversions, exterior refinishing, interior refurbishing, composite repairs, avionics and electrical services. (Opening August 1990)

Wilkerson Company, Inc.
Aircraft Tire Division
P.O. Box 438
Crewe, VA 23930
RAA Representative: W.H. Wilkerson
804/645-9641

The Wilkerson Company offers complete retread service for all sizes of tires utilized by the entire commuter fleet. Wilkerson also supplies a full inventory of all brands of new tires.

Williams International
2280 W. Maple Road
P.O. Box 200
Walled Lake, MI 48088
RAA Representative: Carl Schiller
313/624-5200

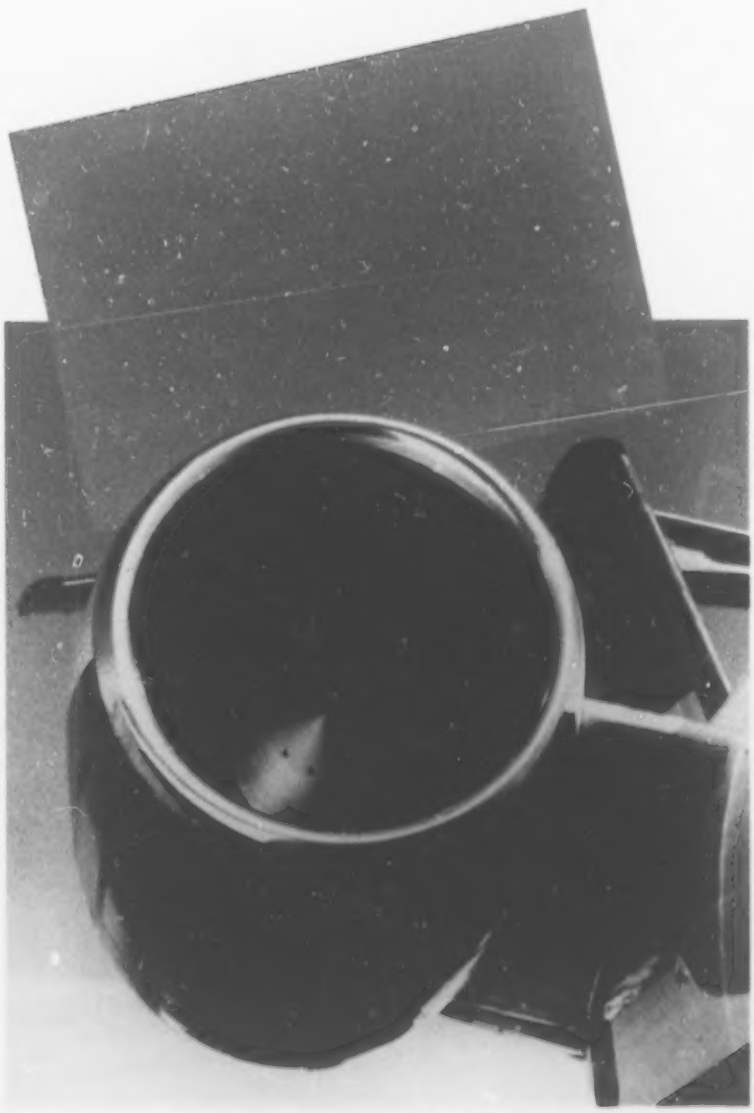
Williams International has produced over 10,000 turbine engines for military applications and is producing the FJ44 turbofan engine for the new Citation jet and the Swearingen SJ30 aircraft.

Other aircraft applications produced by Williams International include auxiliary power units and environmental control units.

World Airways, Inc.
13873 Park Center Road
Suite 490
Herndon, VA 22071
RAA Representative: Richard Wellington
703/834-9200

Charter passenger and cargo air service.

In front of this engine you'll find 50 seats. Behind it you'll find 50 years.



The 1992 entry into service of Canadair's new GE CF34 powered 50-seat Regional Jet marks a significant anniversary. It will be exactly 50 years since America's first jet aircraft took to the skies powered by a GE jet engine.

Because the CF34 turbofan engine builds on everything we've learned over the last five decades, its overall performance made Canadair's choice an easy one.

Powerful enough to open smaller airports to the RJ's full jet service, the CF34 is also quieter than any jet engine in its class.

Its fuel efficiency and jet speed make it possible for the RJ to offer regional operators the economy needed for a broad range of routes.

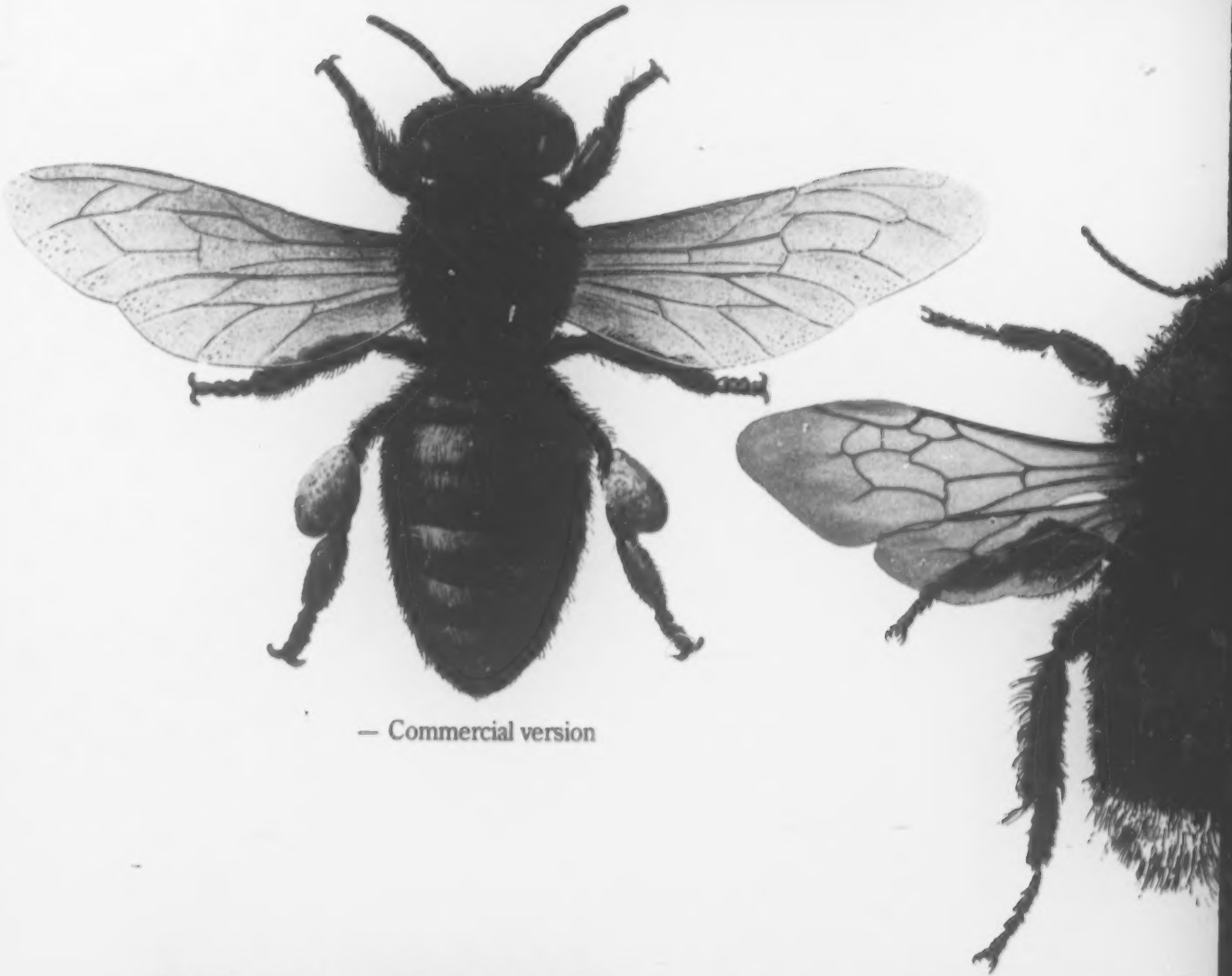
And as for reliability and ease of maintenance, the CF34 comes from the world's most reliable family of commercial aircraft engines, backed by a dedicated commercial product support team considered to be the best in the world.

Canadair's RJ—with 50 seats and jet speed up front, and GE's 50-year commitment to excellence in aircraft engine performance and product support behind it, you'll be leaving your competition at the gate.

GE Aircraft Engines

Keeping the Promise

HARD W



— Commercial version

NEW C-212 SERIES 300

There is a species of untiring aircraft that never stop: the new C-212.

They are to be found in the most unlikely places on earth doing all kinds of jobs, always working flat out: carrying passengers, taking part in military missions or carrying whatever you want to throw at them.

ORKERS

— Airfreighter

— Military version

This species, with a million flight hours behind it, has evolved to a state of near perfection. It's economical, tough, easy to handle and maintain... It's the kind of plane CASA is banking on. A big market to cover, backed by the guarantee of the new 300 series. The most original of species.

CASA

PLANE PERFECTION

CONSTRUCCIONES AERONAUTICAS, S. A. Rey Francisco, 4. 28008 MADRID (SPAIN). Telephone 248 53 09. Telex 44729 CASA E.
CASA Aircraft USA, Inc. 3830 Concorde Parkway Suite 1000. Chantilly, Virginia 22021. Telephone (703) 802 - 1000. Telefax (703) 802 - 1025.

THE BEECHCRAFT 1900 AIRLINER. IT CARRIES MORE. AND EARNS MORE.

Considering a 19-passenger airliner for your regional fleet? Then the Beechcraft 1900 Airliner is your most profitable choice.

Why? Year-round load carrying capability allows the 1900 to carry 19 passengers and all their luggage plus paid freight plus IFR fuel. Even from high-altitude airports on hot summer days.

No competitor even comes close to that kind of revenue-producing performance.

And for average trips between 120nm and 250nm, your operating costs will range from just 6¢ to 8¢ per seat mile.

The c.g. range is so wide that random seating is OK. And there are no fuselage-bending moments to worry about.

The 1900 has also demonstrated a 99% dispatch reliability. And for maximum operational flexibility, the 1900 carries enough fuel to fly round trips with full loads.

Perhaps best of all, your passengers will appreciate the 1900's roomy cabin, comfortable seating and underseat stowage.

To learn more about how the Beechcraft 1900 Airliner can lower your costs and increase your profit, call or write Tom Keough, Vice President–Airline Marketing, Beech Aircraft Corporation, Wichita, Kansas. Phone: 316-681-8496. Fax: 316-681-8808.

Beechcraft
A Raytheon Company

Services in North America

Summary of Passenger Service by State

State								
Alabama	5	0	0	0	4	9	9	4
Arizona	9	0	0	0	5	14	14	5
Arkansas	8	0	0	0	1	9	9	1
California	22	1	1	0	17	41	39	19
Colorado	7	0	1	1	6	15	13	8
Connecticut	3	0	0	0	1	4	4	1
Delaware	1	0	0	0	0	1	1	0
District of Columbia	0	0	0	0	2	2	2	2
Florida	7	0	0	0	15	22	22	15
Georgia	5	0	0	0	4	9	9	4
Idaho	4	0	0	0	3	7	7	3
Illinois	11	0	0	0	6	17	17	6
Indiana	6	0	0	0	4	10	10	4
Iowa	8	0	0	0	3	11	11	3
Kansas	9	0	0	0	1	10	10	1
Kentucky	2	0	0	0	2	4	4	2
Louisiana	2	0	0	0	5	7	7	5
Maine	6	0	0	0	2	8	8	2
Maryland	4	0	0	0	1	5	5	1
Massachusetts	12	0	0	0	2	14	14	2
Michigan	13	0	0	0	9	22	22	9
Minnesota	10	0	0	0	3	13	13	3
Mississippi	5	1	0	0	1	7	6	2
Missouri	4	0	0	0	3	7	7	3
Montana	7	0	0	0	7	14	14	7
Nebraska	9	0	0	0	2	11	11	2
Nevada	3	0	0	0	2	5	5	2
New Hampshire	3	0	0	0	1	4	4	1
New Jersey	3	0	0	0	2	5	5	2
New Mexico	12	0	0	0	1	13	13	1
New York	14	0	0	0	12	26	26	12
North Carolina	5	0	0	0	8	13	13	8
North Dakota	3	1	0	0	3	7	6	4
Ohio	3	0	0	0	6	9	9	6
Oklahoma	4	0	0	1	1	6	5	2
Oregon	4	0	0	0	4	8	8	4
Pennsylvania	11	0	0	0	6	17	17	6
Rhode Island	2	0	0	0	1	3	3	1
South Carolina	2	1	0	0	3	6	5	4
South Dakota	6	1	0	0	1	8	7	2
Tennessee	1	0	0	0	5	6	6	5
Texas	15	0	1	4	8	28	23	13
Utah	10	0	0	0	1	11	11	1
Vermont	1	0	0	0	1	2	2	1
Virginia	2	0	0	0	6	8	8	6
Washington	15	0	0	0	4	19	19	4
West Virginia	7	0	0	0	2	9	9	2
Wisconsin	6	0	0	0	7	13	13	7
Wyoming	8	0	0	0	2	10	10	2
Alaska	223	0	1	0	18	242	241	19
Hawaii	4	0	1	2	5	12	9	8
Puerto Rico	6	0	0	0	1	7	7	1
Virgin Islands	0	0	0	0	2	2	2	2
Bahamas	10	0	0	0	2	12	12	2
Canada	6	2	0	2	3	13	9	7
Caribbean	12	11	0	0	5	28	17	16
Mexico	2	3	1	3	3	12	5	10

* Without Commuters ** With Commuters

Key to Airline Designators

REGIONAL COMMUTER AIR CARRIERS

2E HERMANS/MARKAIR EXPRESS AIR (2E)
2F FRONTIER FLYING SERVICE (2F)
2V NORTHEAST EXPRESS (2V)
3C CAMAI AIR (3C)
3D EDGARTOWN AIR (3D)
3L AIR LIFT ASSOCIATED, INC. (3L)
3N PAC AIR (3N)
4A AIRWAYS INTERNATIONAL, INC.(4A)
4B OLSON AIR SERVICE (4B)
4E TANANA AIR SERVICE (4E)
4G COOK INLET AVIATION (4G)
4Q TRANS NORTH AVIATION, LTD. (4Q)
4R RAVEN AIR (4R)
4W WRANGELL AIR SERVICE (4W)
5A ALPINE AVIATION, INC. (5A)
5B BELLAIR, INC. (5B)
5C CONQUEST AIRLINES (5C)
5E HUB EXPRESS (5E)
5K KENMORE AIR HARBOR, INC. (5K)
5L LAREDO AIR INC (5L)
5U SKAGWAY AIR SERVICE (5U)
6C CAPE SMYTHE AIR SERVICE,INC. (6C)
6D ALASKA ISLAND AIR, INC. (6D)
6G LAS VEGAS AIRLINES (6G)
6M 40-MILE AIR, LTD. (6M)
6Q BARROW AIR, INC. (6Q)
6S KETCHIKAN AIR SERVICES (6S)
7A HAINES AIRWAYS INC. (7A)
7D TRUMP AIR (7D)
7G GULFSTREAM AIRLINES, INC. (7G)
7K LARRY'S FLYING SERVICE, INC. (7K)
7L LAKE UNION AIR SERVICE (7L)
7R GCS AIR SERVICE (7R)
7V ALPHA AIR (7V)
8B BAKER AVIATION, INC. (8B)
8E BERING AIR INC (8E)
8F WILBUR'S INC. (8F)
8G GP EXPRESS AIRLINES, INC. (8G)
8H HARBOR AIR SERVICE (8H)
8M MST AVIATION,INC. (8M)
8N NASHVILLE EAGLE INC (8N)
8R WRA,INC (8R)
8V WRIGHT AIR SERVICES, INC. (8V)
9K CAPE AIR (9K)
9N TRANSTATES AIRLINES (9N)
9Q TAQUAN AIR SERVICE (9Q)
AD EXEC EXPRESS,INC.(AD)
BE ENTERPRISE AIRLINES (BE)
BK CHALK'S PARADISE ISLAND AIRWAYS (BK)
CH BEMIDJI AIRLINES (CH)
CT MIDCONTINENT AIRLINES (CT)
DD COMMAND AIRWAYS,INC.(DD)
DF AERO COACH AVIATION INTERNATIONAL,INC. (DF)
DQ COASTAL AIR TRANSPORT (DQ)
DV NANTUCKET AIRLINES (DV)
EJ NEW ENGLAND AIRLINES, INC. (EJ)
EM EMPIRE AIRWAYS (EM)
FK FLAMENCO AIRWAYS, INC. (FK)
FX EXPRESS AIR INC. (FX)
FY METROFLIGHT AIRLINES (FY)
GD AIR SOUTH INC. (GD)
GQ BIG SKY AIRLINES (GQ)
GS BAS AIRLINES (GS)
HD NEW YORK HELICOPTER CORPORATION (HD)
HG HARBOR AIRLINES, INC. (HG)
HI GRAND CANYON HELICOPTERS (HI)
HQ BUSINESS EXPRESS (HQ)
HY METRO AIRLINES (HY)
IN EAST HAMPTON AIR, INC. (IN)
IU HELITRANS AIR SERVICE (IU)
JC ROCKY MOUNTAIN AIRWAYS, INC. (JC)
JI JET EXPRESS (JI)
JO HOLIDAY AIRLINES, INC. (JO)
JT IOWA AIRWAYS, INC. (JT)
KN TEMSCO AIRLINES (KN)
KS PENINSULA AIRWAYS, INC. (KS)
LS ILIAMNA AIR TAXI, INC. (LS)
LW AIR NEVADA (LW)
NQ CUMBERLAND AIRLINES (NQ)
OT EVERGREEN ALASKA (OT)
OY SUNAIRE (OY)
PN COASTAL AIRWAYS (PN)
PQ HOLIDAY AIRWAYS (PQ)
PV PANORAMA AIR (PV)
QD GRAND AIRWAYS (QD)
QO BAR HARBOR AIRLINES (QO)
QQ DRUMMOND ISLAND AIR (QQ)
QS PROPHETER AVIATION (QS)
RM WINGS WEST AIRLINES, INC. (RM)
RP PRECISION AIRLINES (RP)
RV REEVE ALEUTIAN AIRWAYS, INC. (RV)
SE WINGS OF ALASKA (SE)
SX CHRISTMAN AIR SYSTEM (SX)
UE AIR LA (UE)
UJ AIR SEDONA (UJ)
UO DIRECT AIR, INC. (UO)
VI VIEQUES AIR LINK, INC. (VI)
VL SUN PACIFIC AIRLINES (VL)
WI WRANGLER AVIATION (WI)
WP ALOHA ISLANDAIR (WP)
WQ WINGS AIRWAYS (WQ)
WV MIDWEST AVIATION (WV)
XE SOUTH CENTRAL AIR, INC. (XE)
XJ MESABA (XJ)
XQ ACTION AIRLINES (XQ)
XW WALKER'S INTERNATIONAL (XW)
XY RYAN AIR, INC. (XY)
YI AIR SUNSHINE INC. (YI)
YL LONG ISLAND AIRLINES (YL)
YR SCENIC AIRLINES, INC. (YR)
YV MESA AIRLINES (YV)
YW STATESWEST AIRLINES INC. (YW)
ZD ROSS AVIATION, INC. (ZD)
ZE AIR CARIBE INTERNATIONAL (ZE)
ZK GREAT LAKES AVIATION, LTD. (ZK)
ZO MOHAWK AIRLINES (ZO)
ZP VIRGIN AIR, INC. (ZP)
ZV AIR MIDWEST (ZV)

MAJOR AIR CARRIERS

AA AMERICAN AIRLINES, INC. (AA)
CO CONTINENTAL AIRLINES (CO)
DL DELTA AIR LINES (DL)
EA EASTERN AIR LINES (EA)
NW NORTHWEST ORIENT AIRLINES INC. (NW)
PA PAN AMERICAN WORLD AIRWAYS, INC. (PA)
TW TRANS WORLD AIRLINES, INC (TW)
UA UNITED AIRLINES, INC. (UA)
US USAIR (US)

OTHER CERTIFICATED AIR CARRIERS

AQ ALOHA AIRLINES, INC.(AQ)
AS ALASKA AIRLINES (AS)
BF MARKAIR INC. (BF)
FF TOWER AIR, INC. (FF)
GM AIR AMERICA (GM)
HA HAWAIIAN AIR LINES (HA)
HP AMERICA WEST AIRLINES, INC. (HP)
KW CROWN AIR/DORALDO WINGS (KW)
MG MGM GRAND AIR INC. (MG)
ML MIDWAY AIRLINES, INC. (ML)
TB TRUMP SHUTTLE (TB)
TZ AMERICAN TRANS AIR (TZ)
WN SOUTHWEST AIRLINES (WN)
YX MIDWEST EXPRESS AIRLINES, INC. (YX)

AMERICAN EAGLE

AA1 AVAIR INC.(CE)
AA2 CHAPARRAL AIRLINES, INC. (FC)
AA3 METRO AIRLINES (HY)
AA4 SIMMONS AIRLINES (MQ)
AA5 NASHVILLE EAGLE INC (8N)
AA6 COMMAND AIRWAYS,INC.(DD)
AA7 WINGS WEST AIRLINES, INC. (RM)
AA8 EXECUTIVE AIR CHARTER (NA)

ALOHA COMMUTER

AQ1 ALOHA ISLANDAIR (WP)

ALASKA AIRLINES COMMUTER SERVICE

AS1 HORIZON AIR (QX)
AS2 MARKAIR INC. (BF)
AS3 L.A.B. FLYING SERVICE INC. (JF)
AS4 TEMSCO AIRLINES (KN)
AS5 90gBERING AIR INC (8E)
AS6 ERA AVIATION (7H)

MARKAIR EXPRESS

BF1 HERMENS/MARKAIR EXPRESS (BF)

CONTINENTAL EXPRESS

CO1 ROCKY MOUNTAIN AIRWAYS, INC. (JC)
CO2 BRITT AIRWAYS (CO)
CO3 SOUTHERN JERSEY AIRWAYS, INC. (6J)
CO4 BAR HARBOR AIRLINES (QO)

DELTA CONNECTION

DL1 ATLANTIC SOUTHEAST AIRLINES, INC. (EV)
DL2 COMAIR (OH)
DL3 BUSINESS EXPRESS (HQ)
DL4 SKY WEST AIRLINES (OO)

EASTERN EXPRESS

EA1 BAR HARBOR AIRLINES (QO)
EA4 METRO AIRLINES (HY)

MIDWAY CONNECTION

ML1 FISCHER BROS. AVIATION (ML)
ML2 IOWA AIRWAYS, INC. (JT)

NORTHWEST AIRLINK

NW1 EXPRESS AIRLINES I, INC. (9E)
NW2 PRECISION AIRLINES (RP)
NW3 MESABA (XJ)
NW4 BIG SKY AIRLINES (GQ)
NW5 HORIZON AIR (QX)

PAN AM EXPRESS/PAN AM COMMUTER

PA1 RANSOME (RZ)

TRANS WORLD EXPRESS

TW1 RESORT AIR (9N)
TW2 AIR MIDWEST (ZV)
TW3 JET EXPRESS (JI)
TW5 METRO NORTHEAST (SS)

UNITED EXPRESS

UA3 NPA INC. (UA)
UA4 AIR WISCONSIN (ZW)
UA5 WESTAIR (OE)
UA6 ASPEN AIRWAYS, INC.(AP)

USAIR EXPRESS

US1 HENSON (US)
US2 CHAUTAUQUA (US)
US3 CROWN (US)
US4 PENNSYLVANIA (US)
US5 JETSTREAM INTERNATIONAL (US)
US6 ALLEGHENY COMMUTER AIRLINES (US)
US7 CCAIR (ED)
US8 COMMUTAIR (US)

Passenger Service in North America

ANNISTON	DL1		
BIRMINGHAM	DL2	AA	WN
	TW2	DL	
		EA	
		NW	
		UA	
		US	
DOTHAN	DL1		
	EA4		
	NW1		
FLORENCE	DL1		
	NW1		
GADSDEN	DL1		
HUNTSVILLE	DL1	AA	
	EA4	DL	
		EA	
		NW	
		UA	
MOBILE	CO2	AA	
		DL	
		EA	
		NW	
MONTGOMERY	AA5	DL	
	DL1		
	EA4		
	NW1		
TUSCALOOSA	AA5		
	DL1		

ADAK ISLAND	RV		
AKHIOK	BF1		
	KS		
AKIACHAK	3C		
	BF1		
AKIAK	3C		
	BF1		
AKUTAN	KS		
ALAKANUK	BF1		
	XY		
ALEKNAGIK	BF1		
ALITAK	BF1		
	KS		
ALLAKAKET	2F		
	7K		
	8V		
AMBLER	6C		
	8B		
	AS5		
	XY		
AMOOK	BF1		
	KS		
ANAKTUVUK PASS	2F		
	7K		
	8V		
ANCHORAGE	4G	DL	AS
	4R	NW	BF
	8F	UA	HA
	8H		
	AS2		
	AS6		
	KS		
	RV		
	XE		
ANGOON	5B		
	SE		
ANIAK	BF1		BF
	XY		
ANVIK	BF1		
	XY		
ARCTIC VILLAGE	8V		
ATMAUTLUAK	3C		
	BF1		
ATQASUK	6C		
	6Q		
BARANOF	5B		

BARROW	6C		BF
	6Q		
BARTER ISLAND	2F		
	6C		
BEAVER	2F		
	7K		
BETHEL	3C		AS
	AS6		BF
	BF1		
	XY		
BETTLES	2F		
	7K		
	8V		
BIG DELTA	6M		
BIRCH CREEK	8V		
BOUNDARY	6M		
BUCKLAND	6C		
	8B		
	AS5		
	XY		
CENTRAL	6M		
CHALKYITSIK	6M		
	7K		
CHEFORNAK	3C		
	AS6		
	BF1		
CHEVAK	3C		
	AS6		
	BF1		
CHICKEN	6M		
CHIGNIK	BF1		
Fisheries—C/R	RV		
Lagoon—C/R			
CHISANA	6M		
CHOMLEY	9Q		
CHUATHBALUK	BF1		
CIRCLE	6M		
CLARKS POINT	BF1		
COFFMAN COVE	6S		
	AS4		
COLD BAY	KS		
	RV		
CORDOVA	8F		AS
COUNCIL	AS5		
CRAIG	6S		
	AS4		
CROOKED CREEK	BF1		
DEERING	6C		
	8B		
	AS5		
	XY		
DILLINGHAM	AS2		
	BF1		
	KS		
DIOMEDE ISLAND	OT		
DOLOMI	6S		
	9Q		
	KN		
DUTCH HARBOR	AS2		
	KS		
EAGLE	2F		
	6M		
EDNA BAY	6S		
EEK	3C		
	AS6		
	BF1		
EGEGIK	BF1		
	KS		
EKUK	BF1		
EKWOK	BF1		
ELFIN COVE	SE		
ELIM	4B		
	6C		
	AS5		
	XY		
EMMONAK	BF1		
	XY		
ENGLISH BAY	4G		
EXCURSION	AS3		
FAIRBANKS	2F	DL	AS

	4E	UA	BF
	6M		
	7K		
	8V		
FALSE PASS	RV		
FLAT	BF1		
FORT YUKON	2F		
	7K		
	8V		
FRESH WATER BAY	5B		
GALENA	2F		BF
	4E		
	7K		
	BF1		
GAMBELL	6C		
	AS5		
	XY		
GOLOVIN	4B		
	6C		
	AS5		
	XY		
GOODNEWS BAY	AS6		
	BF1		
GRAYLING	BF1		
	XY		
GUSTAVUS	AS3		
	SE		
HAINES	7A		
	AS3		
	SE		
HIDDEN FALLS	5B		
HOBART BAY	SE		
HOLLIS	6S		
	KN		
HOLY CROSS	BF1		
	XY		
HOMER	4G		
	4R		
	AS6		
	XE		
HOONAH	AS3		
	SE		
HOOPER BAY	3C		
	AS6		
	BF1		
HUGHES	6M		
HUSLIA	BF1		
	4E		
	6M		
	7K		
	BF1		
HYDABURG	AS4		
IGIUGIG	KS		
ILIAMNA	AS6		
	LS		
IVANOF BAY	RV		
JUNEAU	5U	DL	AS
	7A		
	AS3		
	SE		
KAKE	4W		
	5B		
	6D		
	SE		
KAKHONAK	LS		
KALSKAG	BF1		
	XY		
KALTAG	2F		
	4E		
	7K		
	BF1		
KARLUK	BF1		
	KS		
KASAAN	6S		
	KN		
KASIGLUK	3C		
	BF1		
KENAI	AS6		
	XE		
KETCHIKAN	4W		AS

	6S		
	9Q		
	AS4		
	KN		
KIANA	6C		
	8B		
	AS5		
	XY		
KING COVE	RV		
KING SALMON	AS2		
	BF1		
	KS		
KIPNUK	3C		
	AS6		
	BF1		
KITOI BAY	BF1		
	KS		
KIVALINA	6C		
	8B		
	AS5		
	XY		
KLAWOCK	6S		
	AS4		
KOBUK	6C		
	8B		
	AS5		
	XY		
KODIAK APT	AS2		
	BF1		
	KS		
KOLIGANEK	BF1		
KONGIGANAK	3C		
	AS6		
	BF1		
KOTLIK	BF1		
	XY		
KOTZEBUE	2F		AS
	6C		
	8B		
	8E		
	AS5		
	XY		
KOYUK	6C		
	AS5		
	BF1		
	XY		
KOYUKUK	2F		
	4E		
	7K		
	BF1		
KWETHLUK	3C		
	BF1		
KWIGILLINGOK	3C		
	AS6		
	BF1		
LABOUCHERE BAY	6S		
	AS4		
LAKE MINCHUMINA	4E		
LARSEN BAY	BF1		
	KS		
LEVELOCK	KS		
LIME VILLAGE	BF1		
LONG ISLAND	9Q		
	AS4		
MANLEY HOT SPRINGS	4E		
MANOKOTAK	BF1		
MARSHALL	BF1		
MCGRATH	8F		BF
	BF1		
MEKORYUK	AS6		
	BF1		
METLAKATLA	9Q		
	AS4		
MEYERS CHUCK	6S		
	KN		
MINTO	4E		
MOSER BAY	BF1		
	KS		
MOUNTAIN VILLAGE	BF1		
	XY		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

NAKNEK	KS			PORT GRAHAM	4G				AS5			National Park—	HI		
NAPAKIAK	3C				4R				BF1			C/R, O	LW		
	BF1			PORT HEIDEN	BF1				XY				QD		
NAPARKIAK	3C				RV			STEVENS VILLAGE	2F				UE		
	BF1			PORT LIONS	BF1				7K				YR		
NAUKITI	6S				KS			STONY RIVER	BF1			HAVASUPAI	HI		
NELSON LAGOON	KS			PORT MOLLER	KS			TAKOTNA	BF1			LAKE HAVASU	YV		
NEW STUYAHOK	BF1			PORT WILLIAMS	BF1			TANANA	4E				YW		
NEWTOK	3C				KS		—		7K				DL4		
	AS6			PORTAGE CREEK	BF1			TATALINA	BF1			PHOENIX	DL4	AA	AS
	BF1			PROSPECT CREEK	2F			TELLER	4B			Scottsdale—C/R	UJ	CO	HP
NICHIN COVE	6S			PRUDHOE BAY/	6C		AS		6C			Sky Harbor—C/R,	YV	DL	ML
NIGHTMUTE	3C			DEADHORSE			BF		AS5			M, O	YW	EA	WN
	AS6			QUINHAGAK	3C				XY					NW	
	BF1				AS6			TELLER MISSION	4B					TW	
NIKOLAI	8F				BF1				6C					UA	
	BF1			RAMPART	4E				AS5					US	
NOATAK	6C			RED DEVIL	BF1				XY			PRESCOTT	YV		
	8B			ROWAN BAY	5B			TENAKEE	SE			SEDONA	UJ		
	AS5				6D			TERROR BAY	BF1			TUCSON	UA5	AA	AS
	XY			RUBY	4E				KS				YW	CO	HP
NOME	4B		AS		7K			TETLIN	6M					DL	
	6C				BF1			THORNE BAY	6S					NW	
	8E			RUSSIAN MISSION	BF1				AS4					TW	
	AS5				XY			TIN CITY	AS5					UA	
	OT			SAINT GEORGE	KS				XY					US	
	XY			ISLAND				TOGIAK	BF1			YUMA	DL4		HP
NONDALTON	LS			SAINT MARY'S	2E		BF	TOK	6M						
NOORVIK	6C				BF1			TOKEEN	6S						
	8B				XY			TOKSOOK BAY	3C						
	AS5			SAINT MICHAEL	6C				AS6			CAMDEN	AD		
	XY				8E				BF1			EL DORADO	AD		
NUNSUT	6C				AS5			TULUKSAK	BF1			FAYETTEVILLE	AA3		
NULATO	2F				BF1			TUNTUTULIAK	3C				DL1		
	4E				XY				AS6				NW1		
	7K			SAINT PAUL ISLAND	KS				BF1				TW2		
	BF1				RV			TUNUNAK	3C				ZV		
NUNAPITCHUK	3C			SAND POINT	RV				AS6			FORT SMITH	AA3		
	BF1			SAVOONGA	6C				BF1				DL1		
OLD HARBOR	BF1				AS5			UGAMIK	BF1				NW1		
	KS				XY				KS				TW2		
OLGA BAY	BF1			SCAMMON BAY	3C			UNALAKLEET	6C		BF	HARRISON	AD		
	KS				AS6				8E			HOT SPRINGS	AD		
OUZINKIE	BF1				BF1				BF1			JONESBORO	AD		
	KS			SEAL BAY	BF1				XY			LITTLE ROCK	ZV	AA	WN
PARKS	BF1				KS			VALDEZ	8F					DL	
	KS			SELAWIK	6C				AS6					NW	
PEDRO BAY	LS				8B			VENETIE	7K					TW	
PELICAN	5B				AS5				8V					UA	
	SE				XY			WAINWRIGHT	6C			TEXARKANA	AA2		—
PERRYVILLE	RV			SELDOVIA	4G				6Q				DL1		
PETERSBURG	4W		AS		4R			WALES	4B						
	6D			SEWARD	8H				6C						
	SE			SHAGELUK	BF1				AS5						
PILOT POINT	BF1				XY				XY			ARCATA/EUREKA	AA7		
Pilot Point—C/R	KS			SHAKTOOLIK	6C			WATERFALL	KN				UA5		
Ugashik Bay—C/R					BF1			WEST POINT	BF1			BAKERSFIELD	AA7	AA	
PILOT STATION	BF1				XY				KS				DL4		
	XY			SHELDONS POINT	BF1			WHALE PASS	6S				PQ		
PLATINUM	AS6				XY				KN				UA5		
	BF1			SHEMYA	RV			WHITE MOUNTAIN	4B			BERMUDA DUNES	UE		
POINT BAKER	6S			SHISHMAREF	6C				6C			BISHOP	7V		
	KN				AS5				AS5			BLYTHE	UE		
POINT HOPE	6C				XY				XY			BURBANK	7V	AA	AS
	8B			SHOAL COVE	9Q			WRANGELL	4W		AS		DL4	DL	HP
	8E			SHUNGNAK	6C			YAKUTAT			AS		UA5	TW	
	AS5				8B			ZACHAR BAY	BF1				YW	UA	
	XY				AS5				KS					US	
POINT LAY	6C				XY							CALEXICO	VL		
	6Q			SITKA	5B		AS					CATALINA ISLAND	IU		
POLY INLET	6S			SKAGWAY	5U							CHICO	UA5		
	KN				AS3							CONCORD	US		
PORT ALEXANDER	5B				SE			BULLHEAD CITY	UE		—	CRESCENT CITY	UA5		
PORT ALICE	6S			SLEETMUTE	BF1				YV			FRESNO	AA7	DL	HP
PORT ALSWORTH	LS			SMITH COVE	6S				YW				DL4	UA	
PORT ARMSTRONG	5B			SOLDOTNA	XE			FLAGSTAFF	DL4		HP		UA5	US	
PORT BAILEY	BF1			SOUTH NAKNEK	BF1			FORT HUACHUCA/	YV			IMPERIAL	DL4		
	KS				KS			SIERRA VISTA	YW			INYOKERN	AA7		
PORT CLARENCE	AS5			STEBBINS	6C			GRAND CANYON	6G		HP	LAKE TAHOE	AA7	AA	
	XY				8E			Heliport—C/R	7V						

Passenger Service in North America

LONG BEACH	UA5	AA	AS
	VL	CO	HP
		DL	
		TW	
		UA	
		US	
LOS ANGELES	7V	AA	AS
	AA7	CO	GM
	DL4	DL	HA
	IU	EA	HP
	PA1	NW	MG
	PQ	PA	ML
	QD	TW	WN
	RM	UA	
	UA5	US	
	UA6		
	UE		
	YW		
MAMMOTH LAKES	7V		
MERCED	UA5		
MODESTO	AA7		
	UA5		
MONTEREY	AA7	UA	
	DL4	US	
	UA5		
OAKLAND	7V	AA	AS
	AA7	DL	HP
	DL4	UA	WN
	UA5	US	
ONTARIO	DL4	AA	AS
	UA5	CO	HP
	UE	DL	WN
		NW	
		TW	
		UA	
		US	
ORANGE COUNTY	7V	AA	AS
	AA7	CO	HP
	DL4	DL	
	IU	NW	
	PQ	TW	
	UA5	UA	
	YW	US	
OXNARD/VENTURA	AA7		
	UA5		
PALM SPRINGS	AA7	AA	AS
	DL4	DL	HP
	UA5	TW	
		UA	
		US	
PALMDALE			HP
REDDING	AA7		
	UA5		
RIVERSIDE	PQ		
SACRAMENTO	AA7	AA	HP
	DL4	CO	
	UA5	DL	
		NW	
		UA	
		US	
SAN DIEGO	7V	AA	AS
Brown Municipal—C/R	AA7	CO	HP
	DL4	DL	WN
Lindbergh—C/R, M, O	PA1	NW	
	UA5	TW	
	VL	UA	
	YW	US	
SAN FRANCISCO	AA7	AA	AS
	UA5	CO	HA
		DL	TZ
		EA	WN
		NW	
		PA	
		TW	
		UA	
		US	
SAN JOSE	7V	AA	AS
	AA7	CO	HP
	DL4	DL	
	UA5	TW	

SAN LUIS OBISPO	AA7	UA	
	DL4	US	
	UA5		
SAN PEDRO	IU		
SANTA BARBARA	AA7	AA	HP
	DL4	UA	
	PQ		
	UA5		
SANTA MARIA	AA7		
	DL4		
	UA5		
SANTA ROSA	AA7		
	UA5		
STOCKTON	UA5	US	
VISALIA	AA7		
ALAMOSA	CO1		
ASPEN	CO1		
	UA6		
COLORADO SPRINGS	CO1	AA	HP
	UA6	CO	
	YV	DL	
		TW	
		UA	
CORTEZ	YV		
DENVER	8G	AA	HP
	CO1	CO	ML
	JC	DL	YX
	UA6	EA	
	YV	NW	
	ZV	PA	
		TW	
		UA	
		US	
DURANGO	CO1		HP
	UA6		
	YV		
GRAND JUNCTION	CO1	CO	HP
	DL4		
	UA6		
GUNNISON	CO1	AA	
	UA6	CO	
		DL	
LAMAR	ZV		
MONTROSE	CO1		
	UA6		
PUEBLO	CO1	TW	HP
STEAMBOAT SPRINGS	CO1	AA	HP
		NW	
Hayden—C/R, M, O			
Steamboat—C/R			
TELLURIDE	CO1		
	YV		
	YW		
VAIL			HP
BRIDGEPORT	CO4		
	DL3		
	US1		
	US5		
	US6		
HARTFORD/SPRINGFIELD	2V	AA	ML
	7G	CO	KW
	AA6	DL	
	8E	EA	
	CO4	NW	
	DL3	TW	
	EA1	UA	
	JO	US	
	PA1		
	TW5		
	Z0		
NEW HAVEN	CO4		
	US1		

NEW LONDON/GROTON	CO4		
	DL3		
	US1		
	XQ		
WILMINGTON	IN		
WASHINGTON/DULLES	JO	AA	
	PA1	CO	
	UA4	DL	
	WQ	NW	
		PA	
		TW	
		UA	
		US	
WASHINGTON/NATIONAL	AA6	AA	HP
	CO3	CO	ML
	DL3	DL	TB
	PA1	EA	YX
	TW5	NW	
	US1	PA	
	US4	TW	
	US5	UA	
	US6	US	
	WQ		
DAYTONA BEACH	DL2	AA	
		CO	
		DL	
		EA	
		US	
FORT LAUDERDALE	BK	AA	ML
	DF	CO	YX
	DL2	DL	KW
	US1	EA	
	XW	NW	
	Y1	PA	
		TW	
		UA	
		US	
FORT MYERS	4A	AA	ML
	AA5	CO	TZ
	EA1	DL	
		EA	
		NW	
		TW	
		UA	
		US	
FORT WALTON BEACH	DL1	NW	
	EA4		
GAINESVILLE	DL1	EA	
	DL2	US	
	US1		
HOMESTEAD	GD		
JACKSONVILLE	DL2	AA	ML
	US1	CO	
		DL	
		EA	
		PA	
		TW	
		UA	
		US	
KEY WEST	AA5	US	
	DL2		
	EA1		
MARATHON	4A		
	AA5		
	DL2		
	EA1		
	YI		
MELBOURNE	DL2	AA	
	EA	CO	
	US	DL	

MIAMI	4A	AA	ML
International—C/R, M, O	AA5	CO	KW
	BK	DL	
Seaplane—C/R	DF	EA	
	DL2	NW	
	EA1	PA	
	GD	TW	
		UA	
		US	
NAPLES	AA5		
	DL2		
	EA1		
	US1		
OCEAN REEF	4A		
ORLANDO	DL2	AA	ML
	US1	CO	
	US2	DL	
		EA	
		NW	
		PA	
		TW	
		UA	
		US	
PANAMA CITY	DL1		
	EA4		
PENSACOLA	DL2	CO	
	NW1	DL	
	US1	EA	
		US	
SARASOTA/BRADENTON	EA1	AA	ML
	Y1	CO	
		DL	
		EA	
		NW	
		TW	
		UA	
		US	
TALLAHASSEE	DL1	DL	
	DL2	EA	
	US1	US	
TAMPA	DL2	AA	ML
	EA1	CO	YX
	US1	DL	
		EA	
		NW	
		PA	
		TW	
		UA	
		US	
VERO BEACH	US2		
WEST PALM BEACH	AA5	AA	ML
	BK	CO	
	DF	DL	
	DL2	EA	
	US1	NW	
		TW	
		UA	
		US	
ALBANY	DL1		
	EA4		
ATHENS	US7		
ATLANTA	DL1	AA	ML
	EA4	CO	YX
	HY	DL	
		EA	
		NW	
		PA	
		TW	
		UA	
		US	
AUGUSTA	DL1	DL	
	EA4	US	
	US7		
BRUNSWICK	DL1		
	US1		

Key

C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

COLUMBUS	AA5	DL	
	DL1		
	EA4		
MACON	DL1		
	US7		
SAVANNAH	EA4	AA	
		DL	
		EA	
		UA	
		US	
VALDOSTA	DL1		

HANA	AQ1		
HILO			AQ
			HA
HONOLULU	AQ1	AA	AQ
	PV	CO	GM
	WP	DL	HA
		NW	HP
		PA	TZ
		TW	
		UA	
HOOLEHUA	AQ1		HA
KAHULUI	AQ1	AA	AQ
	WP	DL	HA
		UA	TZ
KALAUPAPA	AQ1		
KAMUELA	AQ1		
KAPALUA	AQ1		HA
	PV		
KAUAI ISLAND	AQ1	UA	AQ
Lihue—M, O			HA
Princeville—C/R			
KONA		UA	AQ
			HA
LANAI CITY	AQ1		HA

BOISE	AS1	DL	AS
	DL4	UA	HP
	EM		
	NW5		
	UA3		
COEUR D'ALENE	EM		
IDAHO FALLS	AS1	AA	
	DL4	DL	
LEWISTON	AS1		
	EM		
	NW5		
	UA3		
POCATELLO	AS1		
	DL4		
SUN VALLEY	AS1		HP
TWIN FALLS	AS1		
	DL4		

BLOOMINGTON-NORMAL	AA4		
	ML1		
	TW2		
CHAMPAIGN	AA4	US	
	ML1		
	TW2		
	UA4		
	US5		
CHICAGO	4Q	AA	HP
Meigs—C/R	AA4	CO	ML
Midway—C/R, M, O	CO2	DL	WN
O'Hare—C/R, M, O	DL2	EA	
Palwaukee—C/R	ML1	NW	
	ML2	PA	
	QS	TW	
	TW1	UA	
	UA4	US	
	UA6		
	US5		

DANVILLE	ZK		
DECATUR	AA4		
	AA4		
	TW2		
	US5		
GALESBURG	AA4		
MARION	TW2		
MATTOON	AA4		
MOLINE	AA4	TW	HP
	ML1	UA	
	NW3		
	TW1		
	UA4		
PEORIA	AA4	TW	
	ML1	UA	
	NW1		
	TW1		
	UA4		
QUINCY	AA4		
	TW2		
ROCKFORD	ML1		YX
	NW1		
SPRINGFIELD	AA4		
	CO2		
	ML1		
	TW1		
STERLING	QS		

BLOOMINGTON	AA4		
ELKHART	ML2		
EVANSVILLE	AA4	US	
	AA5		
	DL1		
	DL2		
	NW1		
	TW2		
	US5		
FORT WAYNE	AA5	AA	
	DL2	DL	
	ML1	NW	
	UA4	US	
	US5		
INDIANAPOLIS	AA5	AA	TZ
	DL2	CO	WN
	ML1	DL	YX
	NW1	EA	
	US5	NW	
		PA	
		TW	
		UA	
		US	
KOKOMO	UO		
LAFAYETTE	AA4		
	ML1		
	US5		
MUNCIE	AA4		
SOUTH BEND	AA4	NW	
	AA5	US	
	CO2		
	DL2		
	ML1		
	TW2		
	UA4		
	US5		
TERRE HAUTE	AA4		

BURLINGTON	AA4		
	TW1		
CEDAR RAPIDS	AA4	NW	HP
	BE	TW	
	JT	UA	
	NW1		
	TW2		
	UA4		
	ZV		
CLINTON	QS		

DES MOINES	JT	AA	HP
	NW3	NW	ML
	TW1	TW	YX
	ZK	UA	
	ZV		
DUBUQUE	AA4		
	JT		
	ML2		
FORT DODGE	NW1		
	ZK		
MASON CITY	NW1		
	ZK		
OTTUMWA	ZK		
SIOUX CITY	NW1	TW	HP
	TW1	UA	
SPENCER	ZK		
WATERLOO	AA4		
	ML2		
	NW1		
	TW2		
	ZK		

DODGE CITY	ZV		
GARDEN CITY	ZV		
GOODLAND	ZV		
GREAT BEND	ZV		
HAYS	ZV		
LIBERAL	ZV		
MANHATTAN	TW2		
	ZV		
SALINA	TW2		
	ZV		
TOPEKA	TW2		
	ZV		
WICHITA	ZV	AA	HP
		CO	
		DL	
		NW	
		TW	
		UA	
		US	

LEXINGTON	AA5	DL	
	DL2	US	
	TW2		
	UA4		
	US5		
LOUISVILLE	AA4	AA	
	AA5	DL	
	DL2	EA	
	US5	NW	
		TW	
		UA	
		US	
OWENSBORO	AA5		
PADUCAH	NW1		
	AA5		
	NW1		
	TW2		

ALEXANDRIA	AA3		
	CO2		
	DL1		
	NW1		
BATON ROUGE	CO2	AA	
		CO	
		DL	
		NW	
LAFAYETTE	AA3	CO	
	CO2		
	DL1		
LAKE CHARLES	AA3		
	CO2		
MONROE	AA3	DL	

NEW ORLEANS	NW1		
	DL2	AA	ML
		CO	WN
		DL	
		EA	
		NW	
		PA	
		TW	
		UA	
		US	
SHREVEPORT	AA2	AA	
	CO2	DL	
		NW	

AUGUSTA	2V		
	DL3		
	QO		
BANGOR	2V	DL	
	CO4	UA	
	DL3		
	EA1		
BAR HARBOR	2V		
	CO4		
	EA1		
FRENCHVILLE	2V		
PORTLAND	2V	CO	
	CO4	DL	
	DL3	UA	
	EA1	US	
	NW2		
	TW5		
PRESQUE ISLE	2V		
	CO4		
	DL3		
	EA1		
ROCKLAND	2V		
WATERVILLE	2V		

BALTIMORE	BE	AA	HP
	CO4	CO	KW
	NQ	DL	
	PA1	EA	
	US1	NW	
	US4	TW	
	US5	UA	
	US6	US	
CUMBERLAND	NQ		
HAGERSTOWN	US2		
	US5		
OCEAN CITY	NQ		
SALISBURY	US1		
	US5		

BEDFORD	ZO		
BOSTON	2V	AA	ML
City Heliport—C/R	3N	CO	TB
Logan—C/R, M, O	5E	DL	YX
	9K	EA	
	AA6	NW	
	BE	PA	
	CO4	TW	
	DL3	UA	
	EA1	US	
	IN		
	NW2		
	PA1		
	RP		
	TW5		
	US6		
	US8		
	ZO		
BOXBOROUGH	5E		
BURLINGTON	5E		

Passenger Service in North America

CHICOPEE	7G		
	IN		
HYANNIS	3D		
	CO4		
	DL3		
	DV		
	EA1		
MARTHA'S VINEYARD	3D		
	CO4		
	DL3		
	EA1		
	FX		
	JO		
NANTUCKET	CO4		
	DL3		
	DV		
	EA1		
	FX		
	JO		
	ZO		
NEW BEDFORD	3D		
	FX		
NORWOOD	5E		
PROVINCETOWN	9K		
WALTHAM	5E		
WORCESTER	CO4	NW	
	EA1	US	

ALPENA	QQ		
	ZK		
BENTON HARBOR	ML2		
DETROIT	L2	AA	ML
City—C/R, O	GS	CO	WN
Metro Wayne—C/R, M, O	NW3	DL	YX
	QQ	EA	KW
	UO	NW	
	US5	PA	
	ZK	TW	
		UA	
		US	
DRUMMOND ISL.	QQ		
ESCANABA	AA4		
	NW1		
FLINT	AA4	UB	YX
	CO2		
	ML2		
	NW3		
GRAND RAPIDS	CO2	AA	YX
	DL2	NW	
	ML1	UA	
	NW1	US	
HANCOCK	NW3		
IRON MOUNTAIN	ZK		
IRONWOOD	ZK		
KALAMAZOO	AA4	NW	YX
	CO2	US	
	DL2		
	ML1		
	UA4		
LANSING	AA4	CO	YX
	CO2	NW	
	DL2	US	
	ML1		
	UA4		
MACKINAC ISLAND	QQ		
MANISTEE	ZK		
MARQUETTE	AA4		
	NW3		
MENOMINEE	ZK		
MUSKEGON	AA4		YX
	ML1		
	NW3		
PELLSTON	AA4		
	NW3		
	QQ		
SAGINAW	CO2	CO	YX
		NW	
		UA	

SAULT SAINTE MARIE	ZK			
TRAVERSE CITY	4Q	NW		
	AA4			
	ML1			
	NW3			
	QQ			
BEMIDJI	CH			
	NW3			
BRAINERD	NW3			
DULUTH	NW1	NW		
FAIRMONT	ZK			
GRAND RAPIDS	NW3			
HIBBING/CHISHOLM	NW1			
INTERNATIONAL FALLS	NW1			
MANKATO	CH			
MARSHALL	WV			
MINNEAPOLIS/ ST. PAUL	CH	AA	HP	
	NW1	CO	ML	
	NW3	DL		
	WV	NW		
	ZK	PA		
		TW		
		UA		
		US		
ROCHESTER	TW2	AA		
		NW		
THIEF RIVER FALLS	NW3			
	XJ			
WORTHINGTON	CH			
COLUMBUS	AA5			
	DL1			
	NW1			
GREENVILLE	NW1			
GULFPORT	CO2	NW		
	EA4			
JACKSON		AA		
		DL		
		NW		
LAUREL	DL1			
	NW1			
MERIDIAN	AA5			
	DL1			
	NW1			
TUPELO	AA5			
	NW1			
CAPE GIRARDEAU	TW2			
COLUMBIA	TW1			
FORT LEONARD WOOD	TW2			
	ZV			
JOPLIN	NW1			
	TW1			
KANSAS CITY	CT	AA	HP	
	ZV	CO	ML	
		DL	WN	
		EA	YX	
		NW		
		PA		
		TW		
		UA		
		US		
SAINT LOUIS	9N	AA	WN	
	AD	CO		
	DL2	DL		
	TW1	EA		
	TW2	NW		
		TW		
		UA		
		US		
SPRINGFIELD	AA3	TW		

	NW1	UA	
	TW1		
	ZV		
BILLINGS	AS1	CO	
	DL4	DL	
	NW4	NW	
	NW5	UA	
BOZEMAN	DL4	CO	
		DL	
		NW	
BUTTE	AS1	DL	
	DL4		
	NW5		
GLASGOW	NW4		
GLENDIVE	NW4		
GREAT FALLS	AS1	DL	
	NW5	NW	
		UA	
HAVRE	GQ		
	NW4		
HELENA	AS1	DL	
	DL4		
	NW5		
KALISPELL	AS1	DL	
	NW5		
	UA3		
LEWISTOWN	NW4		
MILES CITY	NW4		
MISSOULA	AS1	CO	
	DL4	DL	
	NW5	NW	
	UA3		
SIDNEY	NW4		
WOLF POINT	NW4		
ALLIANCE	8G		
CHADRON	8G		
GRAND ISLAND	8G		
HASTINGS	8G		
KEARNEY	8G		
LINCOLN	8G	TW	HP
	NW3	UA	
	TW1		
	ZV		
MCCOOK	8G		
NORTH PLATTE	8G		
	CO1		
OMAHA	8G	AA	HP
	NW3	CO	ML
	ZV	DL	
		NW	
		TW	
		UA	
SCOTTSBLUFF	8G		
	CO1		
SIDNEY	8G		
ELKO	DL4		
ELY	DL4		
LAS VEGAS	8G	AA	HA
McCarran—C/R, M, O	DL4	CO	HP
	LW	DL	ML
North Air Terminal—C/R	QD	NW	WN
	UE	TW	
	YR	UA	
		US	
RENO	DL4	AA	HP
	UA5	CO	
		DL	
		NW	
		UA	
		US	

KEENE	3N		
LACONIA	2V		
LEBANON	DL3		
	NW2		
MANCHESTER	CO4	UA	
	DL3	US	
	NW2		
ATLANTIC CITY	7D	US	
Bader—C/R	7G		
Pomona—C/R, M	CO3		
Steel Pier—C/R	JI		
	TW3		
	TW5		
	US5		
	US6		
NEWARK	CO	AA	HP
	CO4	CO	YX
	JO	DL	
	NW2	EA	
	TW5	NW	
	US4	TW	
	US8	UA	
	ZO	US	
TRENTON	US5		
ALAMOGORDO	YV		
ALBUQUERQUE	UA6	AA	HP
	YV	CO	WN
	ZD	DL	
		PA	
		TW	
		UA	
		US	
CARLSBAD	YV		
CLOVIS	YV		
FARMINGTON	UA6		
	YV		
GALLUP	YV		
HOBBS	YV		
LAS CRUCES	YV		
LOS ALAMOS	ZD		
ROSWELL	YV		
SANTA FE	YV		
SILVER CITY	YV		
TAOS	YV		
ALBANY	AA6	AA	ML
	CO4	DL	
	DL3	EA	
	NW2	NW	
	PA1	UA	
	TW5	US	
	US8		
BINGHAMTON	8P	US	
	CO4		
	TW5		
	US4		
BUFFALO	CO2	AA	ML
	PA1	CO	
	TW5	DL	
	ZG	EA	
		NW	
		UA	
		US	
EAST HAMPTON	IM		
	YL		
ELMIRA/CORNING	CO4	US	
	TW5		
	US4		
	US8		
FARMINGDALE	J1		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

FISHERS ISLAND	XQ		
GARDEN CITY	HD		
ISLIP	DL3	AA	
	NW2	EA	
	TW5	US	
	US1		
	ZO		
ITHACA	CO4	US	
	TW5		
	US1		
	US4		
	US5		
	US8		
	ZO		
JAMESTOWN	US2		
MASSENA	TW5		
NEW YORK	7D		
East 34th St.—C/R	HD		
West 30th St.—C/R			
NEW YORK/ KENNEDY	AA1	AA	HP
	AA6	DL	MG
	BE	NW	
	HD	PA	
	PA1	TW	
	TW3	UA	
	TW5	US	
	US1		
	US4		
	US6		
NEW YORK/ LA GUARDIA	AA6	AA	HP
	CO4	CO	ML
	DL3	DL	TB
	EA1	EA	YX
	IN	NW	
	NW2	PA	
	PA1	TW	
	TW5	UA	
	US4	US	
	YL		
	ZO		
OGDENSBURG	TW5		
ONEONTA	ZO		
PLATTSBURGH	TW5		
	US8		
POUGHKEEPSIE	AA6		
	DD		
	TW5		
ROCHESTER	CO2	AA	ML
	CO4	CO	
	PA1	DL	
	TW5	NW	
	US8	UA	
		US	
SARANAC LAKE	TW5		
SYRACUSE	CO4	AA	
	DL3	CO	
	PA1	DL	
	TW5	NW	
	US8	TW	
	ZO	UA	
		US	
UTICA	ZO	US	
WATERTOWN	TW5		
	ZO		
WESTCHESTER COUNTY	AA6	NW	
	DL3	UA	
	NW2		
	TW5		
	US1		
	ZO		

	US7	DL	
		EA	
		PA	
		TW	
		UA	
		US	
FAYETTEVILLE	AA1	AA	
	AA6	US	
	DL1		
GREENSBORO/ HIGH POINT	8R	AA	
	AA1	DL	
	BE	EA	
		UA	
		US	
GREENVILLE	3L		
	AA1		
	US7		
HICKORY	US7		
JACKSONVILLE	AA1	US	
	US1		
	US7		
KINSTON	US1	US	
	US7		
NEW BERN	AA1		
	US1		
RALEIGH/DURHAM	3L	AA	
	AA1	DL	
	AA6	EA	
	US7	PA	
		TW	
		UA	
		US	
ROCKY MOUNT	US7		
WILMINGTON	AA1	US	
	US1		
	US7		
WINSTON-SALEM	US7		

BISMARCK	NW4	CO	
		DL	
		NW	
DEVILS LAKE	NW3		
	XJ		
FARGO	NW3	NW	
		UA	
GRAND FORKS	NW3	NW	
JAMESTOWN	NW3		
MINOT			
		NW	
WILLISTON	NW4		

AKRON/CANTON	DL2	AA	
	NW3	EA	
	UA4	US	
	US2		
	US5		
CINCINNATI	AA5	AA	KW
	BE	CO	
	DL2	DL	
		NW	
		PA	
		TW	
		UA	
		US	
CLEVELAND	7R	AA	ML
Burke, Lakefront—C/R	CO2	CO	KW
	DL2	DL	
Hopkins—C/R, M, O	NW3	EA	
	US5	NW	
		PA	
		TW	
		UA	
		US	
COLUMBUS	AA1	AA	ML
	AA5	CO	
	BE	DL	

	CO2	EA	
	DL2	NW	
	NW1	TW	
	SX	UA	
	US5	US	
DAYTON	AA5	AA	
	DL2	DL	
	NW3	NW	
	SX	TW	
	US5	UA	
		US	
MANSFIELD	7R		
TOLEDO	AA4	DL	
	CO2	US	
	DL2		
	NW3		
	UA4		
	US5		
YOUNGSTOWN	GS		
	UA4		
	US3		

ENID	AD		
LAWTON	AA3		
	DL1		
MCALESTER	AD		
OKLAHOMA CITY		AA	WN
		CO	
		DL	
		NW	
		TW	
		UA	
PONCA CITY	AD		
TULSA	AD	AA	WN
		CO	
		DL	
		NW	
		TW	
		UA	

EUGENE	AS1	AA	
	NW5	UA	
	UA3	US	
KLAMATH FALLS	AA7		
	AS1		
	NW5		
MEDFORD	AS1	UA	
	NW5	US	
	UA3		
NORTH BEND	AS1		
	NW5		
PENDLETON	AS1		
	NW5		
PORTLAND	AS1	AA	AS
	NW5	CO	HP
	UA3	DL	
		EA	
		NW	
		TW	
		UA	
		US	
REDMOND/BEND	AS1		AS
	NW5		
	UA3		
SALEM	UA5		
	AS1		
	NW5		

ALLENTOWN/ BETHLEHEM/ EASTON	CO4	EA	
	US4	NW	
	US6	UA	
		US	
ALTOONA	US4		
BLUE BELL	WO		

BRADFORD	US2		
DUBOIS	US3		
ERIE	CO2	US	
	NW3		
	US1		
	US5		
FRANKLIN	US3		
HARRISBURG	AA1	AA	
	AA6	NW	
	CO4	TW	
	UA4	UA	
	US1	US	
	US4		
	US6		
JOHNSTOWN	US4		
LANCASTER	US5		
	US6		
LATROBE	US3		
PHILADELPHIA	AA6	AA	ML
	CO4	CO	YX
	DL3	DL	
	NW2	EA	
	PA1	NW	
	TW5	PA	
	US1	TW	
	US4	UA	
	US5	US	
	US6		
	WQ		
	ZO		
PITTSBURGH	SX	AA	ML
	US2	CO	KW
	US3	DL	
	US4	EA	
	US6	NW	
		PA	
		TW	
		UA	
		US	
READING	UA4		
	US6		
STATE COLLEGE	UA4		
	US4		
	US5		
	US6		
WILKES-BARRE/ SCRANTON	CO4	EA	
	TW5	US	
	US1		
	US6		
WILLIAMSPORT	US4		
	US5		

BLOCK ISLAND	EJ		
PROVIDENCE	AA6	AA	
	CO4	CO	
	DL3	EA	
	HQ	NW	
	JO	UA	
	PA1	US	
	TW5		
	US8		
WESTERLY	EJ		

CHARLESTON		AA	
		DL	
		EA	
		UA	
		US	
COLUMBIA	AA6	AA	
	EA4	DL	
	US7	EA	
		UA	
		US	
FLORENCE	AA1		
	EA4		
	US1		

ASHEVILLE	AA1	US	
	AA5		
	DL1		
	DL2		
	EA4		
	US7		
CHARLOTTE	US1	AA	

Passenger Service in North America

GREENVILLE/ SPARTANBURG	BE	AA	
	DL1	DL	
	US7	EA	
		NW	
		US	
HILTON HEAD ISLAND	EA4		
	US1		
MYRTLE BEACH	AA1	US	
	AA6		
	DL1		
	EA4		

ABERDEEN	NW3		
BROOKINGS	NW3		
HURON	NW3		
MITCHELL	NW3		
PIERRE	CO1		
	NW3		
RAPID CITY	CO1	DL	
	UA6	NW	
		UA	
SIOUX FALLS		DL	
		NW	
		TW	
		UA	
WATERTOWN	NW3		

CHATTANOOGA	DL2	AA	
	EA4	DL	
	HY	NW	
	US7	US	
JACKSON	NW1		
KNOXVILLE	AA1	DL	
	AA5	NW	
	DL2	UA	
	EA4	US	
	TW2		
	US7		
MEMPHIS	AD	AA	ML
	BE	DL	
	NW1	NW	
	TW1	TW	
		UA	
		US	
NASHVILLE	8N	AA	WN
	AA5	DL	
	DL2	EA	
		NW	
		PA	
		TW	
		UA	
		US	
TRI-CITIES	8R	US	
	AA1		
	AA5		
	DL1		
	DL2		
	EA4		
	UA4		
	US7		

ABILENE	5C		
	AA2		
	DL1		
AMARILLO	CO1	AA	WN
		DL	
AUSTIN	5C	AA	HP
		CO	WN
		DL	
		NW	
		PA	
		TW	
		UA	
		US	

BEAUMONT/ PORT ARTHUR	5C		
	AA3		
	CO2		
	DL1		
BROWNSVILLE	5C		
BROWNWOOD	AD		
COLLEGE STATION	AA2		
	CO2		
	DL1		
CORPUS CHRISTI	5C	AA	WN
	CO2	CO	
DALLAS/FORT WORTH	AA2	AA	ML
	AA3	CO	WN
D/FW International—C/R, M, O	AD	DL	YX
	DL1	NW	
Love Field—O	FY	PA	
	UA6	TW	
	YV	UA	
		US	
EL PASO		AA	HP
		CO	WN
		DL	
HARLINGEN		AA	WN
		CO	
HOUSTON	5C	AA	HP
Hobby—C/R, M, O	CO2	CO	WN
Intercontinental—C/R, M, O		DL	
		EA	
		NW	
		PA	
		TW	
		UA	
		US	
KILLEEN	AA2		
	DL1		
LAREDO	5C		
	5L		
	AA3		
	CO2		
LONGVIEW	AA3		
	DL1		
	FY		
LUBBOCK		AA	HP
		DL	WN
MCALLEN	5C	CO	
MIDLAND/ODESSA		AA	HP
			WN
PARIS	AD		
SAN ANGELO	5C		
	AA2		
	DL1		
SAN ANTONIO	5C	AA	HP
	5L	CO	WN
		DL	
		NW	
		PA	
		TW	
		UA	
		US	
TEMPLE	AD		
TYLER	5C		
	AA3		
	DL1		
VICTORIA	CO2		
WACO	AA2		
	DL1		
WICHITA FALLS	AA2		
	DL1		

CEDAR CITY	DL4		
MOAB	5A		
MOUNT PLEASANT	5A		
NEPHI	5A		
PRICE	5A		
PROVO	5A		
RICHFIELD	5A		
SAINT GEORGE	DL4		
SALINA	5A		

SALT LAKE CITY	5A	AA	HP
	AS1	CO	
	DL4	DL	
		NW	
		PA	
		TW	
		UA	
VERNAL	DL4		

BURLINGTON	DL3	CO	
	TW5	UA	
	US8	US	
RUTLAND	3N		

CHARLOTTESVILLE	UA4	US	
	US1		
	US2		
	US6		
DANVILLE	US7		
LYNCHBURG	US1	US	
	US2		
	US5		
NEWPORT NEWS	AA1	US	
	US1		
	US5		
	US6		
NORFOLK	PA1	AA	
	US1	DL	
		EA	
		NW	
		TW	
		UA	
		US	
RICHMOND	8R	AA	
	AA1	DL	
	IN	EA	
	UA4	UA	
	US1	US	
ROANOKE	AA1	US	
	DL1		
	DL2		
	UA4		
	US1		
	US2		
STAUNTON	US5		

BELLINGHAM	AS1	US	AS
	NW5		
	UA3		
FRIDAY HARBOR	5K		
	7L		
KENMORE	5K		
LOPEZ ISLAND	5K		
	7L		
MOSES LAKE	AS1		
	NW5		
OAK HARBOR	HG		
PASCO	AS*	DL	
	NW5		
	UA3		
PORT ANGELES	AS1		
	NW5		
PULLMAN/MOSCOW	AS1		
	NW5		
	UA3		
ROCHE HARBOR	5K		
	7L		
ROSARIO	5K		
	7L		
SEATTLE	5K	AA	AS
Lake Union—C/R	7L	CO	HA
SEA/TAC—C/R, M, O	AA3	DL	HP
	AS1	EA	
	EM	NW	

	HG	PA	
	NW5	TW	
	PN	UA	
	UA3	US	
SEQUIM	PN		
SPOKANE	AS1	CO	AS
	NW5	DL	
	UA3	NW	
		UA	
WALLA WALLA	AS1		
	NW5		
WENATCHEE	AS1		
	NW5		
	UA3		
WESTSOUND	7L		
YAKIMA	AS1		
	NW5		
	UA3		

BECKLEY	US7		
BLUEFIELD	US7		
CHARLESTON	DL1	US	
	DL2		
	UA4		
	US1		
	US7		
CLARKSBURG	US3		
ELKINS	SX		
HUNTINGTON	DL2	US	
	US7		
LEWISBURG	US1		
	US2		
MORGANTOWN	US3		
PARKERSBURG/ MARIETTA	US3		

APPLETON	NW1	NW	YX
	UA4		
EAGLE RIVER	4Q		
EAU CLAIR	NW1		YX
GREEN BAY	AA4	NW	YX
	BE		
	ML1		
	NW1		
	UA4		
JANESVILLE	8M		
LA CROSSE	AA4	NW	YX
	UA4		
MADISON	AA4	AA	ML
	ML1	NW	YX
	TW1	TW	
	UA4	UA	
MANITOWOC	ZK		
MILWAUKEE	8M	AA	ML
	AA4	CO	YX
	BE	DL	
	DL2	EA	
	ML1	NW	
	NW1	TW	
	NW3	UA	
	UA4	US	
MINOCQUA	4Q		
OSHKOSH	ML1		
	UA4		
RHINELANDER	NW1		
	UA4		
WAUSAU/ STEVENS POINT	AA4		YX
	NW3		
	UA4		

CASPER	CO1	DL	
	DL4		
	UA6		
CHEYENNE	CO1		

Key
C/R Commuter/Regional Air Carriers
M Major Air Carriers
O Other Air Carriers

CODY	CO1			**GEORGE TOWN**	DF					UA		**BEEF ISLAND**	AA8		
	YV			**GOVERNORS**	4A					US			EA4		
GILLETTE	UA6			**HARBOUR**	DF			**VANCOUVER**	7L	AA		**BERMUDA**		AA	
JACKSON	CO1	AA			DL2			Coal Harbour—C/R	AS1	CO				CO	
	DL4	DL			EA1			International—C/R, M	NW5	DL				DL	
	UA6				US1					UA				EA	
LARAMIE	YV			**MARSH HARBOUR**	4A			**VICTORIA**	7L					PA	
RIVERTON	CO1				AA5			Inner Harbour—C/R	AS1					US	
ROCK SPRINGS	CO1				DF			International—C/R	NW5			**CURAÇAO**		AA	
SHERIDAN	UA6				DL2			**WINNIPEG**		NW		**DOMINICA**	ZE		
WORLAND	YV				US1							**FORT DE FRANCE**	AA8		
				NASSAU	BK	DL	ML					**GRAND CAYMAN**		AA	
					DL2	EA	KW							EA	
				International—C/R, M, O	US1	PA		**ACAPULCO**		AA	AS			NW	
CULEBRA	FK					TW				CO				PA	
FAJARDO	FK			Paradise Isl.—C/R		US				DL		**GRAND TURK**		PA	
	VI			Seaplane Base—C/R				**CANCUN**		AA		**KINGSTON**		AA	
MAYAGUEZ	AA8			**NORTH ELEUTHERA**	4A					CO				CO	
	EA4				DF					EA				EA	
PONCE	AA8				US1					NW		**LA ROMANA**	AA8		
SAN JUAN	AA8	AA		**ROCK SOUND**	4A					UA		**MONTEGO BAY**		AA	
Isla Grande—C/R	EA4	DL			DF			**COZUMEL**		AA				CO	
L.M.M. International—C/R, M	FK	EA			EA1					CO				EA	
	OY	PA			US1			**GUADALAJARA**	5L	AA	AS			NW	
	VI	TW		**TREASURE CAY**	4A					CO		**MONTSERRAT**	ZE		
	ZE	US			AA5					DL	—	**NEVIS**	DQ		
	ZP				DF			**IXTAPA/ZIHUATANEJO**		CO		**POINTE-A-PITRE**	AA8		
VIEQUES	FK				DL2					DL		**PORT AU PRINCE**		AA	
	VI				EA1			**MAZATLAN**		DL	AS			EA	
					US1			**MEXICO CITY**	5L	AA				PA	
				WALKERS CAY	XW					CO		**PROVIDENCIALES**		PA	
				WEST END	DF					DL		**PUERTO PLATA**		AA	
SAINT CROIX	AA8	AA	ML							PA				CO	
	DQ	CO								UA				PA	
	EA4	EA						**MONTERREY**	5L	AA		**PUNTA CANA**	AA8		
	OY	PA		**CALGARY**		AA	HP			CO		**SAINT BARTHELEMY**	DQ		
	VI					DL		**PUERTO VALLARTA**		AA	AS		ZP		
	ZE					UA				CO		**SAINT KITTS**	AA8	EA	
SAINT THOMAS	AA8	AA	ML	**DAWSON CITY**	6M					DL		**SAINT LUCIA**	AA8	AA	
	EA4	CO		**EDMONTON**		AA	HP	**SAN FELIPE**	VL			Hewanorra—M			
	OY	EA				DL		**SAN JOSE DEL CABO**			AS	Vigie—C/R			
	VI	PA				NW		**TAMPICO**	5L			**SAINT MAARTEN**	EA4	AA	
	ZE			**HAMILTON**	US2								ZE	CO	
	ZP			**LONDON**	DL2									EA	
				MONTREAL	DL3	AA								PA	
						DL		**ANGUILLA**	AA8			**SANTO DOMINGO**	AA8	AA	
						EA			DQ					CO	
BIMINI	BK					NW		**ANTIGUA**	AA8	AA				EA	
	DF					US				EA				PA	
FREEPORT	AA5	EA		**OTTAWA**		EA				PA		**VIRGIN GORDA**	AA8		
	DF	PA				US		**ARUBA**		AA			EA4		
	DL2	TW		**TORONTO**	DL2	AA				CO					
	EA1				DL3	EA		**BARBADOS**	ZE	AA					
	US1					NW				EA					
										PA					

Essential Air Service

A key component of the Airline Deregulation Act of 1978 was the guarantee of essential air service (EAS) to small and medium size communities. The original essential air service program provided for a continuation of air transportation for 10 years to all cities certificated on the date of the Act's enactment into law, October 24, 1978.

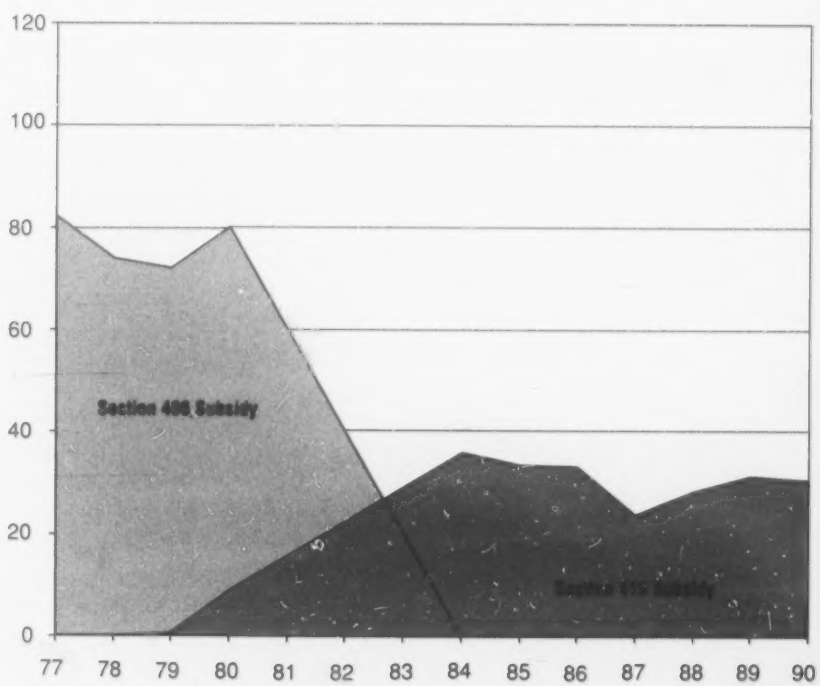
The essential air service program was modified and extended by the Airport and Airway Safety and Capacity Expansion Act of 1987, enacted into law December 30, 1987. The new EAS program, effective October 1, 1988 through September 30, 1998, would permit new and/or enhanced service for many cities but require communities to be located 45 miles or more from the nearest hub airport to be eligible for service. Airline service would have to be provided two times per day six days per week, in aircraft with an effective capacity of 15 passengers or more unless passenger traffic has continually been less than 11 persons per flight or the community agrees to the usage of smaller aircraft. However, all aircraft must be twin engine, 2 pilot equipment and be pressurized if the flight regularly exceeds 8,000 feet. Additionally, compensation rules for carriers providing subsidized essential air service were modified.

On June 30,1989 Public Law 101-45, the Dire Emergency Supplemental Appropriations Act of 1989, was enacted. This statute provided that, after September 30, 1989, no subsidy paid for any service to or from an EAS air service point in the contiguous U.S. could exceed $300 per passenger.

On December 19, 1989 the Department of Transportation further modified the EAS program, establishing more stringent eligibility criteria, which became effective January 1, 1990. A qualified community could not require a per-passenger subsidy exceeding $200. Additionally the community must be located 70 highway miles or more from the nearest medium or large hub airport, 55 highway miles or more from the nearest small hub airport or 45 highway miles or more from the nearest non-hub airport that enplanes 100 passengers or more per day. An exception to these criteria is made for some state capitals. Also excluded from the eligibilty requirements are points in Alaska, Hawaii and the Pacific.

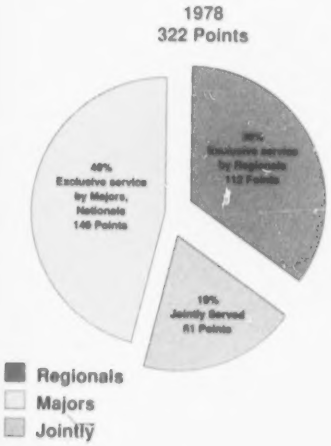
Essential Air Service Subsidy Payments

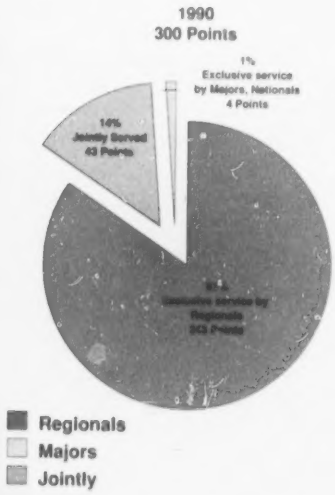
Year	Section 406 Subsidy (Million)	Section 419 Subsidy (Million)
1950	35.0	—
1977	82.2	—
1978	73.9	—
1979	72.1	0.5
1980	80.1	9.0
1981	106.7	15.0
1982	55.1	26.0
1983	13.5	39.8
1984	- 0 -	36.0
1985	- 0 -	33.7
1986	- 0 -	33.4
1987	- 0 -	24.0
1988	- 0 -	28.4
1989	- 0 -	31.6
1990	- 0 -	30.7



Essential Air Service

Summary of Essential Air Service by State





Regional Airlines serve 95% of all Essential Air Service Communities. 81% of EAS are served exclusively by Regional Airlines. (48 states).

Charts derived from table: Summary of Passenger Service by State
NOTE: Ten authorized EAS points are not currently receiving service.

State	Essential Air Service Communities 1990	1978	E.A.S. Service Exclusively by Regionals 1990	1978	E.A.S. Service Exclusively by Majors/Nationals 1990	1978	E.A.S. Service by Majors/Nationals and Regionals 1990	1978
Alabama	5	5	5	0	0	5	0	0
Arizona	6	6	3	3	0	0	3	3
Arkansas	7	7	7	2	0	3	0	2
California	20	21	15	6	0	10	4	5
Colorado	9	9	8	2	0	4	1	3
Connecticut	3	3	3	3	0	0	0	0
Florida	5	5	2	1	0	2	3	2
Georgia	7	8	5	2	0	6	2	0
Hawaii	4	3	2	3	0	0	2	0
Idaho	4	4	3	1	0	2	1	1
Illinois	12	12	11	3	0	4	0	5
Indiana	4	6	4	6	0	0	0	0
Iowa	6	6	6	1	0	4	0	1
Kansas	9	11	9	11	0	0	0	0
Kentucky	2	2	2	1	0	1	0	0
Louisiana	3	3	2	0	0	0	1	3
Maine	6	7	4	4	0	1	2	2
Maryland	2	3	2	3	0	0	0	0
Massachusetts	4	5	4	4	0	1	0	0
Michigan	14	17	12	1	0	16	2	0
Minnesotta	9	9	8	0	0	9	1	0
Mississippi	7	8	6	1	1	7	0	0
Missouri	6	6	5	1	0	2	1	3
Montana	8	9	7	1	0	8	0	0
Nebraska	9	11	9	1	0	8	0	2
Nevada	2	2	2	0	0	2	0	0
New Hampshire	4	4	4	3	0	0	0	1
New Jersey	3	3	2	3	0	0	0	0
New Mexico	9	9	8	1	0	6	0	2
New York	13	13	10	9	0	2	3	2
North Carolina	7	8	2	1	0	6	5	1
North Dakota	3	2	3	0	0	2	0	0
Ohio	2	3	1	1	0	2	1	0
Oklahoma	3	4	1	2	0	0	0	2
Oregon	5	6	4	0	0	0	1	6
Pennsylvania	11	10	9	7	1	3	0	0
South Carolina	3	3	1	0	0	2	2	1
South Dakota	7	7	7	0	0	7	0	0
Tennessee	1	1	1	0	0	0	0	1
Texas	14	16	12	8	2	5	0	3
Utah	3	3	3	2	0	1	0	0
Vermont	1	2	1	2	0	0	0	0
Virginia	7	6	2	0	0	6	4	0
Washington	6	7	6	5	0	0	0	2
W. Virginia	7	7	7	1	0	1	0	5
Wisconsin	8	10	4	2	0	6	3	2
Wyoming	8	8	7	2	0	5	1	1
Puerto Rico	2	2	2	2	0	0	0	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Note: Several communities (are required to) receive seasonal-only service.

Source: Regional Airline Association and AvStat Associates, Inc.

Essential Air Service

Section 419 Compensation By Carrier and Community April 1990

State	E.A.S. Point(s)	Carrier	Annual Subsidy Rate (Dollars)
Alaska	Amook Bay	Markair Express	17,161
	Atka	Peninsula Airways	370,770
	Boswell Bay	Chitina Air Service	32,739
	Cape Yakataga	Chitina Air Service	32,739
	Central	Warbelow's	20,317
	Chatham	Ward Air	3,279
	Chisana	Warbelow's	14,832
	Circle	Warbelow's	20,317
	Cordova	Alaska Airlines	282,804
	Elfin Cove	Wings of Alaska	11,048
	Funter Bay	Ward Air	3,279
	Gustavus	Alaska Airlines	282,804
	Icy Bay	Chitina Air Service	32,739
	Kitoi Bay	Markair Express	3,136
	Lazy bay	Markair Express	17,161
	May Creek	Gulkana Air Service	9,114
	McCarthy	Gulkana Air Service	9,114
	Moser Bay	Markair Express	17,161
	Nikolski	Aleutian Air	39,570
	Nyac	Ryan Air Service	7,068
	Olga Bay	Markair Express	17,161
	Parks/Uyak	Markair Express	17,161
	Petersburg	Alaska Airlines	282,804
	Port Bailey	Markair Express	17,161
	Port Williams	Markair Express	3,136
	Seal Bay	Markair Express	3,136
	Seward	Harbor Air Service	53,331
	St. George	Peninsula Airways	110,205
	Terror Bay	Markair Express	17,161
	Uganik	Markair Express	17,161
	West Point	Markair Express	17,161
	Wrangell	Alaska Airlines	282,804
	Yakutat	Alaska Airlines	282,804
	Zachar Bay	Markair Express	17,161
Alabama	Gadsden	Atlantic Southeast	183,137
Arizona	Kingman	Mesa Air Service	130,807
	Page	SkyWest Airlines	177,433
Arkansas	El Dorado/Camden	Exec Express II	717,766
	Harrison	Exec Express II	544,432
	Hot Springs	Exec Express II	507,407
	Jonesboro	Exec Express II	260,273
California	Crescent City	WestAir Airlines	154,660
	Merced	WestAir Airlines	310,521
Colorado	Cortez	Mesa Air Service	138,210
	Lamar	Air Midwest	244,317
Ilinois	Mount Vernon	Prime Air	307,772
	Sterling/Rock Falls	Propheter Aviation	248,011

State	E.A.S. Point(s)	Carrier	Annual Subsidy Rate (Dollars)
Iowa	Ottumwa	Great Lakes Aviation	238,498
Kansas	Dodge City	Air Midwest	244,317
	Garden City	Air Midwest	244,317
	Goodland	Air Midwest	244,317
	Great Bend	Air Midwest	244,317
	Hays	Air Midwest	244,317
	Liberal/Guymon, OK	Air Midwest	244,317
Michigan	Iron Mountain/Kingsford	Great Lakes Aviation	95,485
	Ironwood/Ashland, WI	Great Lakes Aviation	95,485
	Manistee/Ludington	Great Lakes Aviation	237,574
	Marinette/Menominee	Great Lakes Aviation	95,485
Minnesota	Fairmont	Great Lakes Aviation	241,791
	Mankato	Bemidji Airlines	220,362
	Worthington	Bemidji Airlines	220,362
Missouri	Ft. Leonard Wood	Air Midwest	168,983
	Kirksville	MidContinent Airlines	235,837
Montana	Glasgow	Big Sky Airlines	259,558
	Glendive	Big Sky Airlines	242,815
	Havre	Big Sky Airlines	254,190
	Lewiston	Big Sky Airlines	254,189
	Miles City	Big Sky Airlines	242,815
	Sidney	Big Sky Airlines	502,659
	Wolf Point	Big Sky Airlines	259,538
Nebraska	Alliance	GP Express Airlines	198,605
	Chadron	GP Express Airlines	198,605
	Grand Island	GP Express Airlines	422,567
	Hastings	GP Express Airlines	343,899
	Kearney	GP Express Airlines	343,899
	McCook	GP Express Airlines	343,899
	Norfolk	MidContinent Airlines	218,079
	North Platte	GP Express Airlines	287,594
	Scottsbluff	GP Express Airlines	287,594
Nevada	Ely	SkyWest Airlines	323,329
New Hampshire	Laconia	Northeast Express	249,786
New Mexico	Alamogordo/Holloman A.F.B.	Mesa Air Service	165,766
	Clovis	Mesa Air Service	133,651
	Hobbs	Mesa Air Service	85,690
	Santa Fe	Mesa Air Service	132,314
	Silver City/Hurling/Deming	Mesa Air Service	169,390
New York	Massena	Metro Northeast	244,500
	Ogdensburg	Metro Northeast	244,500
North Carolina	Rocky Mount/Wilson	CCAir	180,492
North Dakota	Devils lake	Mesaba Aviation	294,396
	Jamestown	Mesaba Aviation	294,396
	Williston	Big Sky Airlines	502,658
Oklahoma	Enid	Exec Express II	178,235

continued on the next page

Essential Air Service

Section 419 Compensation By Carrier and Community - 4/90

State	E.A.S. Point(s)	Carrier	Annual Subsidy Rate (Dollars)
	Ponca City	Exec Express II	178,235
Pennsylvania	Oil City/Franklin	Crown Airways	128,504
South Dakota	Brookings	Mesaba Aviation	108,938
	Huron	Mesaba Aviation	108,938
	Mitchell	Mesaba Aviation	108,938
	Pierre	Rocky Mountain Airways	371,165
	Yankton	MidContinent Airlines	218,079
Texas	Brownwood	Exec Express II	285,898
	Paris	Exec Express II	228,799
Utah	Cedar City	SkyWest Airlines	269,613
	Moab	Alpine Aviation	172,930
	Vernal	SkyWest Airlines	203,784
Virginia	Danville	CCAir	217,856
Washington	Ephrata/Moses Lake	Horizon Airlines	164,336
West Virginia	Beckley	CCAir	55,123
	Clarksburg/Fairmont	Jet Express	326,796
	Elkins	Christman Air System	323,952
	Morgantown	Jet Express	326,796
	Princeton/Bluefield	CCAir	55,123
Wyoming	Worland	Mesa Air Service	352,655
Puerto Rico	Ponce	Executive Air Charter	265,058
Subtotal - Lower 48 States & Puerto Rico			**19,571,434**
Number of Points - Lower 48 States & Puerto Rico			**80**
Average per Point			**244,643**
Subtotal - Alaska			**2,365,499**
Number of Points - Alaska			**34**
Average per Point			**69,574**
Total			**21,936,933**
Number of Points - Total			**114**
Average per Point - Total			**192,429**

Sources: U.S. D.O.T., Office of Aviation Analysis, 9/89 and AvStat Associates.

Essential Air Service Determinations

State and Docket Number	City	Hub	Distance to Hub	Allowed Stops	Guaranteed Essential Air Service: Frequency	Guaranteed Essential Air Service: Inbound and Outbound Seats per Day: 9-Seats or Smaller	Guaranteed Essential Air Service: Inbound and Outbound Seats per Day: 14-Seats or Larger	Actual Available Service 1/94: Daily Roundtrips: C/R	Actual Available Service 1/94: Daily Roundtrips: Other	Actual Available Service 1/94: Daily Seats: C/R	Actual Available Service 1/94: Daily Seats: Other
Alabama											
83-7-32	Anniston	ATL	82	0	2wd/4we	80wd/160we	62wd/124we	2		60	
83-7-32	Dothan	ATL	171	1	2d	80	62	14		365	
84-12-91	Gadsden	ATL	98	0	2wd/2we	14	11	2		60	
83-7-32	Muscle Shoals/Florence/	ATL &	198	1	2wd/4we	80wd/160we	62wd/124we	3		90	
	Sheffield/Tuscumbia	MEM	136	1	2wd/4we	80wd/160we	62wd/124we	3		57	
83-7-32	Tuscaloosa	ATL	186	1	2d	80	62	2		60	
Arizona											
84-4-66	Flagstaff	PHX	140	0	2wd/2we	80	62	4	6	76	228
84-4-66	Grand Canyon	LAS	169	0	2d	80	62	19	2	306	76
84-4-66	Kingman	PHX or	181	1	2wd/2we	16	33	-		-	
		LAS	193	0	2wd/2we	16	33	-		-	
84-4-66	Page	PHX or	286	2	2wd/2we	22	17	2		38	
		LAS	289	2	2wd/2we	22	17	-		-	
84-4-66	Prescott	PHX	96	0	2wd/2we	22	17	7		56	
89-12-29	Winslow		Point no longer eligible								
84-4-66	Yuma	PHX or	183	0	2d	80	62	6	5	114	190
		LAX	269	1	2d	80	62	6		114	
Arkansas											
87-3-74	El Dorado/Camden	DFW &	241	1	2wd/2we	41	31	3		24	
		MEM	206	1	2wd/2we	41	31	2		16	
84-5-78	Fayetteville	DFW &	274	2	2d	80	62	11		358	
		MEM or	245	1	2d	80	62	5		170	
		MCI	223	1	2d	80	62	3		57	
84-5-78	Fort Smith	DFW &	232	1	2d	80	62	11		358	
		MEM	249	1	2d	80	62	5		170	
85-10-46	Harrison	STL &	230	1	2wd/2we	20	15	3		24	
		MEM or	200	1	2wd/2we	20	15	2		16	
		DFW	320	2	2wd/2we	20	15	-		-	
84-5-78	Hot Springs	MEM &	182	1	2wd/2we	42	32	-		-	
		DFW	255	2	2wd/2we	42	32	3		24	
87-3-74	Jonesboro	MEM	66	0	2wd/2we	24	18	3		24	
84-5-78	Texarkana	DFW &	183	1	2d	80	62	12		235	
		MEM	254	1	2d	80	62	-		-	
California											
84-11-16	Bakersfield	SFO &	228	0	2d	80	62	6		180	
		LAX	108	0	2d	80	62	17		338	
89-12-29	Blythe		Point no longer eligible								
84-11-16	Chico	SFO [1]	145	1	2wd/2we	80	62	5		90	
84-11-16	Crescent City	SFO [1]	294	2	2wd/2we	11	8	2		38	
84-11-16	El Centro	LAX or	173	1	2d	80	62	6		114	
		SAN	94	0	2d	80	62	1		19	
84-11-16	Eureka/Arcata	SFO	235	1	2d	80	62	12		404	
84-11-16	Inyokern	LAX	120	1	2wd/2we	80	62	6		114	
84-11-16	Lake Tahoe	SFO [1]	150	1	2d	80	62	8	3	152	351
87-6-53	Merced	SFO &	111	0	2wd/2we	44	34	4		72	
		LAX	265	2	2wd/2we	44	34	2		38	
84-11-16	Modesto	SFO &	82	0	2d	80	62	6		108	
		LAX [1]	292	0	3wd/3we	80	62	-		-	
84-11-16	Orange County/ Santa Ana/Anaheim	LAX	32	0	2d	80	62	27		472	
84-11-16	Oxnard/Ventura	LAX	59	0	2d	80	62	9		170	
84-11-16	Palmdale/Lancaster	LAX	55	0	2wd/2we	32	25	-		-	
84-11-16	Red Bluff/Redding	SFO	190	1	2d	80	62	10		255	
84-11-16	Salinas/Monterey	SFO &	87	2	2d	80	62	12	3	366	382
		LAX	270	0	2d	80	62	7	3	419	255
84-11-16	San Luis Obispo/ Paso Robles	SFO &	144	1	2d	80	62	7		129	
		LAX	191	1	2d	80	62	17		323	
84-11-16	Santa Barbara	SFO &	250	2	2d	80	62	3	3	90	383
		LAX	100	0	2d	80	62	25		471	
84-11-16	Santa Maria	SFO &	225	2	2d	80	62	4		72	
		LAX	146	0	2d	80	62	13		247	
85-5-128	Santa Rosa	SFO	56	0	2wd/2we	N/S	N/S	9		201	
84-11-16	Stockton	SFO &	67	0	2d	80	62	5		90	
		LAX	315	1	2d	80	62	1	3	30	255
87-6-53	Visalia	SFO &	195	1	2wd/2we	50	38	2		38	
		LAX	170	1	2wd/2we	50	38	4		76	
Colorado											
84-6-19	Alamosa	DEN	169	1	2wd/2we	64	49	3		57	
84-6-19	Aspen	DEN	113	0	2d	80	62	42		2,531	
84-6-19	Cortez	DEN	265	2	2wd/2we	58	45	3		45	

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Colorado (continued)											
84-6-19	Durango	DEN &	188	1	2d	80	62	7		278	
		ABQ	152	N/S	2d	80	62	4		105	
		FMN or	39	N/S	2d	80	62	5		182	
	Other	PHX	N/S	2d	80	62	1	2	19		234
84-6-19	Gunnison	DEN	139	1	2d 2wd/2we [4]	80/72	62/55	7		222	
85-7-60	Lamar [5]	DEN	166	1	2wd/2we	12	12	2		38	
84-6-19	Montrose/Delta	DEN	184	1	2d	80	62	6		232	
84-6-19	Pueblo	DEN	104	0	2wd/2we	80	62	6		114	
84-5-19	Steamboat Springs/ Hayden/Craig	DEN	113	0	2d	80	62	9			450
Connecticut											
83-7-20	Bridgeport	BOS	137	1	2wd/2we	70	54	2		72	
83-7-20	New Haven	NYC &	65	0	2d	80	62	5		155	
		BOS	125	1	2wd/2we	80	62	-		-	
83-7-20	New London/Groton	NYC	102	1	2d	80	62	7		167	
83-7-20	Stamford		No service required.								
Florida											
83-9-45	Ft. Walton Beach [6]	ATL &	250	1	2d	80	62	10		360	
		MSY	185	1	2wd/2we	80	62	-		-	
83-9-45	Gainesville	ATL &	300	1	2d	80	62	5	5	150	520
		MIA	295	1	2d	80	62	-	3	-	273
		TPA or	115	0	2d	80	62	2		76	
		ORL	90	0	2d	80	62	4		112	
83-9-45	Key West	MIA	126	0	2d	80	62	33	6	668	420
83-9-45	Lakeland		No service required.								
83-9-45	Melbourne	ATL &	443	1	2d	80	62	-	7	-	770
		TPA	115	0	2wd/2we	80	62	-		-	
		MCO or	55	0	2wd/2we	80	62	5		90	
		MIA	160	1	2wd/2we	80	62	-		-	
83-9-45	Panama City	ATL &	247	1	2d	80	62	13		420	
		MCO or	288	1	2wd/2we	80	62	2		16	
		TPA	235	1	2wd/2we	80	62	2		16	
Georgia											
84-2-20	Albany	ATL	146	0	2wd/4we	80	62	10		245	
88-2-31	Athens	ATL or	67	0	2wd/2we	80	62	-		-	
		CLT	162	1	2wd/2we	80	62	7		167	
84-2-20	Augusta	ATL	143	0	2wd/4we	80	62	8	6	174	624
84-2-20	Brunswick/ St. Simons Island	ATL	247	1	2wd/2we	80/65 [9]	62/50	3		90	
84-2-20	Columbus	ATL	83	0	2wd/4we	80	62	10	3	245	312
84-2-20	Macon	ATL	79	0	2wd/4we	80	62	4		140	
89-9-37	Moultrie/Thomasville		Essential Air Service guarantee removed.								
84-2-20	Valdosta	ATL	208	1	2wd/2we	80/152 [10]	62/116	4		120	
Hawaii											
83-12-10	Hana	HNL &	128	N/S	2d	52	40	5		95	
		OGG	28	N/S	2d	52	40	5		95	
83-12-10	Kamuela	HNL &	141	N/S	2d	28	22	3		57	
		OGG	75	N/S	2d	28	22	4	1	76	50
83-12-10	Lanai	HNL &	73	N/S	2d	80	62	8		152	
		OGG	34	N/S	2d	80	62	5		95	
87-4-30	Molokai	HNL &	54	0	2d	80	62	15	7	135	350
		OGG	46	0	2d	80	62	5		95	
Idaho											
84-3-115	Lewiston/Clarkston	BOI &	198	1	2d	80	62	12		228	
		SEA	262	2	2d	80	62	12		342	
83-5-50	Pocatello	SLC &	150	0	2d	80	62	4		98	
		BOI	189	1	2d	80	62	5		171	
83-5-50	Sun Valley/Hailey/ Ketchum	BOI &	96	0	8/wk [11]	560/280 [12]	434/215 [12]	4	1	133	133
		SLC	223	1	8/wk [11]	560/280 [12]	434/215 [12]	5		190	
86-7-48	Twin Falls	SLC	175	1	2d	80	62	4		120	
Illinois											
81-10-6	Bloomington	CHI &	114	0	2d	80	62	11		311	
		STL	142	1	2d	80	62	7		133	
80-2-124	Champaign/Urbana	CHI &	130	0	2d	80	62	17		597	
		STL	143	1	2d	80	62	9		257	
80-2-124	Danville	CHI	116	0	2wd/2we	80	62	2		72	
80-2-124	Decatur	CHI &	152	1	2d	80	62	4		144	
		STL	110	0	2d	80	62	7		133	

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Illinois (continued)											
80-2-124	Galesburg	CHI	153	1	2wd/2we	52	40	2		72	
80-2-124	Marion/Herrin	STL	100	0	2d	80	62	6		140	
80-2-124	Mattoon/Charleston	CHI or	168	1	2wd/2we	46	35	2		72	
		STL	123	1	2wd/2we	46	35	-		-	
85-8-62	Mount Vernon	STL or	87	0	2wd/2we	10	8	-		-	
		CHI	217	2	2wd/2we	10	8	-		-	
80-2-124	Quincy/Hannibal, MO	CHI &	224	1	2d	80	62	2		72	
		STL	94	0	2d	80	62	5		95	
84-8-20	Rockford	CHI or	72	0	2d	80	62	7		133	
		DEN &	312	2	2d	80	62	-		-	
		DTW	295	2	2d	80	62	2		38	
81-10-5	Springfield	CHI &	173	0	2d	80	62	26		649	
		STL	84	0	2d	80	62	11		209	
85-7-52	Sterling/Rock Falls	CHI	100	0	2wd/2we	16	13	3		24	
Indiana											
83-6-3	Bloomington	CHI &	198	1	2d	80	62	2		72	
		IND	44	0	2d	80	62	-		-	
83-6-3	Elkhart		Point no longer eligible.								
89-9-37	Kokomo/Logansport/Peru		Essential Air Service guarantee removed.								
83-6-3	Lafayette	CHI	110	0	2d	80	62	9		239	
83-6-3	Muncie/Anderson/ New Castle	CHI	167	1	2wd/2we	66	51	2		72	
89-5-36	Terre Haute	CHI	169	0	2wd/2we	80	62	3		108	
Iowa											
84-5-74	Burlington	CHI &	191	1	2d	80	62	5		180	
		STL	146	1	2d	80	62	5		95	
89-12-29	Clinton		Point no longer eligible.								
84-5-74	Dubuque	CHI	156	1	2d	80	62	10		270	
86-8-27	Fort Dodge	CHI	333	2	2wd/2we	34	26	4		68	
		DSM	75	0	2wd/2we	34	26	-		-	
		MSP or	168	1	2wd/2we	34	26	3		57	
		OMA	123	0	2wd/2we	34	26	-		-	
86-8-27	Mason City	CHI	298	2	2wd/2we	52	40	5		87	
		DSM	113	1	2wd/2we	52	40	-		-	
		MSP or	120	1	2wd/2we	52	40	5		95	
		OMA	184	1	2wd/2we	52	40	-		-	
87-9-64	Ottumwa	CHI or	249	1	2wd/2we	8	8	-		-	
		DSM &	69	0	2wd/2we	8	8	2		30	
		MLI	104	0	2wd/2we	8	8	-		-	
84-5-74	Waterloo	CHI &	242	2	2d	80	62	14		375	
		DEN	678	2	2d	80	62	-		-	
		STL or	284	2	2d	80	62	4		132	
		MSP	167	1	2d	80	62	6		129	
Kansas											
85-7-60	Dodge City	ICT	139	0	2wd/2we	24	18	2		33	
85-7-60	Garden City	DEN &	257	2	2wd/2we	46	35	2		38	
		ICT	182	1	2wd/2we	46	35	2		38	
85-7-60	Goodland	DEN	172	1	2wd/2we	10	10	2		38	
85-7-60	Great Bend	MCI or	233	2	2wd/2we	22	17	2		38	
		ICT	92	0	2wd/2we	22	17	1		19	
85-7-60	Hays	DEN &	307	2	2wd/2we	42	32	2		38	
		MCI or	246	2	2wd/2we	42	32	2		38	
		ICT	130	1	2wd/2we	42	32	2		38	
89-9-37	Hutchinson		Essential Air Service guarantee removed.								
89-9-37	Independence/Parsons/ Coffeyville		Essential Air Service guarantee removed.								
85-7-60	Liberal/Guymon, OK	DEN	384	2	2wd/2we	42	32	2		38	
85-7-60	Manhattan/Ft. Riley/ Junction City	MCI	108	1	2d	80	62	4		76	
85-7-60	Salina	MCI	165	1	2wd/2we	58	45	3		57	
84-8-84	Topeka	MCI	55	0	2d	80	62	4		76	
Kentucky											
85-5-83	London/Corbin		No service required.								
89-5-36	Owensboro	SDF	84	0	2wd/2we	80	62	-		-	
		MEM or	243	1	2wd/2we	80	62	4		91	
		BNA	114	0	2wd/2we	80	62	3		57	
87-12-31	Paducah	STL &	145	1	2d	80	62	5		110	
		MEM or	154	1	2d	80	62	3		72	
		BNA or	133	0	2d	80	62	3		57	
		SDF	183	1	2d	80	62	-		-	

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Louisiana											
84-2-5	Alexandria	DFW &	296	2	2d	80	62	9		294	
		MSY	160	1	2d	80	62	3		45	
84-2-5	Lafayette	MSY &	151	0	2d	80	62	3		45	
		IAH	215	1	2d	80	62	1	4	30	366
84-2-5	Lake Charles	IAH &	141	0	2d	80	62	6		180	
		MSY	218	1	2d	80	62	3		45	
84-2-5	Shreveport		Essential Air Sservice determination withdrawn at community's request						—		
Maine											
84-7-76	Augusta/Waterville	BOS	156	0	2wd/2we	80	62	6		102	
84-7-76	Bangor	BOS	201	0	2d	80	62	9	4	171	596
84-7-76	Bar Harbor	BOS	196	1	2d 2we/2wd [1]	80/24 [1]	62/18 [1]	3		45	
89-9-37	Lewiston/Auburn		Essential Air Service guarantee removed								
84-7-76	Portland	BOS	95	0	2d	80	62	21	5	450	814
84-7-76	Presque Isle/Houlton	BOS	332	1	2d	80	62	7		178	
84-7-76	Rockland	BOS	151	1	2wd/2we	78/26 [1]	60/20 [1]	3		24	
Maryland											
83-6-70	Hagerstown/	BWI or	62	0	2d	80	62	4		76	
	Martinsburg, WV	WAS	68	0	2d	80	62	-		-	
83-6-70	Salisbury	BWI or	85	0	2d	80	62	7		266	
		WAS	102	0	2d	80	62	3		95	
Massachusetts											
84-5-86	Hyannis	BOS &	61	0	2d [1]	80	62	13		291	
		NYC	203	1	2d	80	62	16		334	
84-5-86	Martha's Vineyard	BOS &	70	1	2d	80	62	10		242	
		NYC [1]	180	1	2d	80	62	6		90	
84-5-86	Nantucket	HYA &	30	0	2d	80	62	22		324	
		BOS	91	1	2d	80	62	11		278	
89-12-29	New Bedford/Fall River		Point no longer eligible								
84-5-86	Worcester	NYC	153	0	2d	80	62	10		346	
Michigan											
84-11-17	Alpena	DTW	192	1	2wd/2we	26	20	6		114	
89-12-29	Battle Creek		Point no longer eligible								
89-12-29	Benton Harbor/ St. Joseph		Point no longer eligible								
84-11-17	Escanaba	GRB	99	0	2d	80	62	4		105	
		MKE or	195	1	2d	80	62	3		57	
		CHI	268	2	2d	80	62	2		96	
84-11-17	Flint	DTW &	55	0	2d	80	62	5		170	
		CHI	223	2	2d	80	62	11		324	
84-11-17	Hancock/Houghton	CHI	370	2	2d	80	62	3		57	
		MKE or	239	2	2d	80	62	-		-	
		GRB or	186	1	2d	80	62	-		-	
		DTW &	425	1	2d	80	62	2		88	
		MSP	277	1	2d	80	62	3		82	
88-5-30	Iron Mountain/Kingsford	CHI	273	2	2wd/2we	34	26	4		76	
		MKE or	198	2	2wd/2we	34	26	-		-	
		GRB	90	1	2wd/2we	34	26	-		-	
88-5-30	Ironwood/Ashland, WI	CHI	272	2	2wd/2we	22	17	2		38	
		MKE or	198	2	2wd/2we	22	17	-		-	
		GRB or	92	1	2wd/2we	22	17	-		-	
		MSP	257	1	2wd/2we	22	17	2		38	
89-12-29	Jackson		Point no longer eligible								
84-11-17	Kalamazoo	CHI &	116	0	2d	80	62	16		575	
		DTW	65	0	2d	80	62	-	4	-	391
84-11-17	Manistee/Ludington	CHI	182	1	2wd/2we	6	6	3		57	
85-9-70	Marinette/Menominee	CHI	224	2	2wd/2we	10	8	4		76	
		MKE or	151	1	2wd/2we	10	8	-		-	
		GRB	47	0	2wd/2we	10	8	-		-	
84-11-17	Marquette	CHI	320	2	2d	80	62	5		240	
		MKE or	240	1	2d	80	62	-		-	
		GRB	145	1	2d	80	62	3		144	
85-2-2	Muskegon	CHI	118	1	2d	80	62	10		275	
84-11-17	Pellston	DTW &	239	1	2wd/2we	80	62	3		57	
		CHI	295	2	1wd/1we	80	62	2		96	
84-11-17	Sault Ste. Marie	DTW	286	2	2wd/2we	30	23	4		76	
84-11-17	Traverse City	CHI &	226	1	2d	80	62	8		268	
		DTW	207	1	2d	80	62	3	1	132	104
Minnesota											
84-9-43	Bemidji	MSP	190	1	2d	80	62	6		56	

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Minnesota (continued)											
84-9-43	Brainerd	MSP	135	0	2d 2wd/2we [1]	80/62 [18]	62/48 [18]	4		126	
84-9-43	Chisholm/Hibbing	MSP	165	1	2d	80	62	3		87	
84-9-43	Duluth/Superior, WI	MSP	150	0	2d	80	62	2	5	53	565
83-12-115	Fairmont	MSP	140	1	2wd/2we	14	14	3		53	
84-9-43	International Falls	MSP	260	2	2d 2wd/2we [1]	80/54 [18]	62/42 [18]	4		106	
83-12-115	Mankato	MSP	70	0	2wd/2we	10	10	3		45	
83-5-132	Thief River Falls	MSP	261	2	2wd/2we	24	18	3		57	
84-9-43	Winona		No service required. Community served through LaCrosse, WI.								
83-12-115	Worthington	MSP	170	2	2wd/2we	6	6	3		458	
Mississippi											
83-12-27	Columbus	ATL &	241	1	2d	80	62	4		120	
		MEM	136	0	2d	80	62	3		102	
83-12-27	Greenville	MEM	122	0	2wd/4we	80	62	4		106	
85-9-66	Greenwood		No service required.								
83-12-27	Gulfport/Biloxi	ATL &	352	2	2d	80	62	3		95	
		MSY	70	0	2d	80	62	-		-	
83-12-27	Jackson/Vicksburg	ATL &	341	1	2d	80	62	-	7	-	883
		DFW	409	1	2d	80	62	-	7	-	915
87-7-47	Laurel/Hattiesburg	Any two:									
		ATL	323	2	2d	80	62	2		60	
		MSY or	115	0	2d	80	62	-		-	
		MEM	250	2	2d	80	62	4		106	
84-11-59	Meridian	ATL &	267	2	2d	80	62	2		60	
		MEM	200	1	2d	80	62	4		91	
86-5-28	Natchez [17]		Essential Air Service terminated.								
83-12-27	Tupelo	ATL &	253	2	2wd/2we	80	62	-		-	
		MEM	88	0	2wd/2we	80	62	5		155	
85-9-66	University/Oxford		No service required.								
Missouri											
84-3-98	Cape Girardeau/ Sikeston	STL	114	1	2wd/2we	62	48	4		76	
87-7-47	Columbia/ Jefferson City	STL &	195	0	2d	80	62	11		238	
		MCI or	152	0	2wd/2we	80	62	4		76	
		MEM	288	0	2wd/2we	80	62	-		-	
84-3-98	Ft. Leonard Wood	STL	119	0	2wd/2we	28	22	2		49	
86-5-39	Joplin	MCI &	142	0	2d	80	62	-		-	
		STL	243	1	2d	80	62	7		133	
84-9-75	Kirksville	STL or	149	1	2wd/2we	8	8	-		-	
		MCI	129	1	2wd/2we	8	8	2		38	
84-3-98	Springfield	STL &	195	1	2d	80	62	10	3	335	287
		MCI or	152	1	2d	80	62	5		95	
		DEN	364	2	2d	80	62	-	2	-	234
Montana											
84-1-96	Glasgow	BIL	189	1 [16]	2wd/2we	10	8	2		27	
84-1-96	Glendive	BIL	201	1 [16]	2wd/2we	6	5	2		16	
84-1-96	Havre	GTF or	107	0	2wd/2we	6	5	-		-	
		BIL	198	1	2wd/2we	6	5	2		16	
84-1-96	Lewiston	BIL	92	0	2wd/2we	2	2	2		16	
84-1-96	Miles City	BIL	135	1	2wd/2we	4	3	2		16	
84-1-96	Sidney	BIL	245	1 [16]	2wd/2we	14	11	2		38	
87-5-76	West Yellowstone	DEN or	480	2	2wd/2we	24/58 [19]	19/45 [19]	-		-	
		SLC	282	2	2wd/2we	24/58 [19]	19/45 [19]	-		-	
84-1-96	Wolf Point	BIL	212	1 [16]	2wd/2we	8	6	2		27	
Nebraska											
85-9-51	Alliance	DEN	210	1	2wd/2we	8	8	2		16	
85-9-51	Chadron	DEN	240	2	2wd/2we	8	8	2		16	
89-12-29	Columbus		Point no longer eligible.								
84-11-94	Grand Island	DEN &	357	2	2d	80	62	2		30	
		OMA	128	1	2d	80	62	2		30	
84-11-33	Hastings	OMA	170	1	2wd/2we	10	10	2		16	
84-11-33	Kearney	OMA or	190	1	2wd/2we	30	23	3		24	
		DEN	318	1	2wd/2we	30	23	2		16	
84-11-33	McCook	DEN	254	1	2wd/2we	12	12	2		16	
84-5-103	Norfolk	OMA	93	1	2wd/2we	18	14	2		36	
87-3-40	North Platte	DEN &	240	2	2wd/2we	68	52	4		76	
		OMA	251	2	2wd/2we	68	52	2		30	
84-11-94	Scottsbluff	DEN &	160	1	2d	80	62	4		75	
		OMA or	401	2	2wd/2we	80	62	-		-	
		LNK	363	2	2wd/2we	80	62	2		30	

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Nebraska (continued)											
89-12-29	Sidney		Point no longer eligible.								
Nevada											
84—2-113	Elko	RNO &	230	1	2wd/2we	66	51	4		87	
		SLC	200	1	2wd/2we	66	51	5		106	
84—2-113	Ely	RNO or	264	1	2wd/2we	18	14	1		19	
		SLC [26]	184	1	2wd/2we	18	14	1		19	
New Hampshire											
84-10-8	Keene	BOS &	86	0	2wd/4we	50	38	3		24	
		NYC	275	2	2wd/4we	50	38	-		-	
87-5-83	Laconia	BOS or	86	1	2wd/2we	28/12 [27]	21/9 [27]	2		16	
		NYC	230	1	2wd/2we	28/12 [27]	21/9 [27]	-		-	
84-10-8	Lebanon/ White River Jct., VT	BOS &	130	0	2wd/4we	80	62	14		283	
		NYC	240	1	2wd/4we	80	62	5		95	
84-10-8	Manchester/Concord	BOS &	60	0	2wd/4we	80	62	14		266	
		NYC	220	1	2wd/4we	80	62	20		614	
New Jersey											
84-5-83	Atlantic City	PHL	60	0	2d	80	62	8		252	
84-5-83	Cape May	PHL	73	1	2d 2wd/2we [27]	38/20 [27]	29/15 [27]	-		-	
84-5-83	Teterboro		No service required.								
86-7-69	Trenton	Any	BWI	0	2d	80	62	3		57	
New Mexico											
85-5-35	Alamogordo/ Holloman AFB	ABQ or ELP	160 76	1 0	2wd/2we 2wd/2we	22 22	17 17	3 -		57 -	
89-1-20	Carlsbad	ABQ or PHX	230 457	0 1	2wd/2we 2wd/2we	34 34	26 26	3 -		57 -	
84-10-10	Clovis	ABQ	194	1	2wd/2we	32	25	2		38	
84-10-10	Farmington	ABQ & DEN	148 277	0 2	2d 2d	80 80	62 62	12 6		228 189	
84-10-10	Gallup	ABQ	127	0	2wd/2we	34	26	-		-	
87-5-77	Hobbs	ABQ	253	1	2wd/2we	24	19	3		57	
85-12-83	Roswell	ABQ	163	0	2d	80	62	7		133	
88-9-15	Santa Fe	ABQ	49	0	2wd/2we	22	17	7		56	
94-7-32	Silver City/Hurley/ Deming	ABQ	185	1	2wd/2we	16	12	3		53	
New York											
84-3-68	Binghamton/Endicott/ Johnson City	NYC & PIT	145 247	0 1	2d 2d	80 80	62 62	9 -	 3	274 -	 312
84-3-68	Elmira/Corning	NYC & PIT	182 208	1 1	2d 2d	80 80	62 62	7 -	 4	133 -	 416
84-3-68	Glens Falls		No service required.								
84-3-68	Islip	Any	BOS	0	2d	80	62	19		446	
84-3-68	Ithaca/Cortland	NYC & PIT	178 236	1 1	2d 2d	80 80	62 62	16 -	 3	408 -	 325
86-5-46	Jamestown	PIT	127	0	2d	80	62	5		125	
84-3-68	Liberty/Monticello		No service required.								
80-3-19	Massena	SYR	141	2	2wd/2we	28	22	3		57	
80-3-19	Ogdensburg	SYR	113	1	2wd/2we	26	20	2		38	
81-12-97	Plattsburgh	ALB	135	1	2wd/2we	58	47	8		152	
84-3-68	Poughkeepsie [27]	NYC	59	0	2d	80	62	13		313	
80-3-19	Rockville Center		No service required.								
80-3-19	Saranac Lake/ Lake Placid	ALB	115	0	2wd/2we	40	31	4		91	
84-3-68	Utica/Rome	NYC	183	1	2d	80	62	3		45	
80-3-19	Watertown	SYR	61	0	2wd/2we	32	25	6		106	
84-3-68	White Plains	Any	BOS	0	2d	80	62	14		487	
North Carolina											
83-11-20	Asheville	ATL & CLT	164 92	0 0	2d 2d	80 80	62 62	10 6	 5	275 199	 649
83-11-20	Fayetteville	ATL or CLT RDU ORF RIC or WAS	330 141 65 200 194 285	2 0 0 1 1 2	2d 2d 2d 2d 2d 2d	80 80 80 80 80 80	62 62 62 62 62 62	5 - 3 - 2 -	 8 	150 - 86 - 38 -	 1,014
83-11-20	Hickory	CLT	68	0	2wd/2we	80	62	10		326	
83-11-20	Jacksonville/ Camp Lejune	ATL or CLT RDU	407 195 115	2 0 0	2d 2d 2d	80 80 80	62 62 62	- 4 3	 3 	- 144 57	 210

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North Carolina (continued)											
		ORF	160	1	2d	80	62	-	1	-	70
		RIC or	195	1	2d	80	62	-	1	-	70
		WAS	281	2	2d	80	62	1		38	
83-11-20	Kinston/Goldsboro/	ATL or	406	2	2d	80	62	-		-	
	Greenville	CLT	185	1	2d	80	62	6	2	182	140
		RDU	75	0	2d	80	62	-		-	
		ORF	135	0	2d	80	62	-		-	
		RIC or	160	0	2d	80	62	-			
		WAS	247	1	2d	80	62	1		7	
83-11-20	New Bern/Beaufort/	RDU or	115	0	2wd/2we	78	60	3		7	
	Morehead City	CLT	248	1	2wd/2we	78	60	6		228	
89-12-29	Rocky Mount/Wilson		Point no longer eligible.								
83-11-20	Wilmington	ATL or	185	2	2d	80	62	-	1	-	117
		CLT	377	1	2d	80	62	2	5	55	662
		RDU	123	0	2d	80	62	3		57	
		ORF	205	1	2d	80	62	-		-	
		RIC or	235	1	2d	80	62	-		-	
		WAS	321	2	2d	80	62	-			
89-12-29	Winston-Salem		Point no longer eligible.								
North Dakota											
83-11-21	Devils Lake	BIS or	126	0	2wd/2we	22	17	-		-	
		MSP	322	2	2wd/2we	22	17	2		38	
83-11-21	Jamestown	MSP	301	2	2wd/2we	30	23	2		38	
84-1-96	Williston	BIL &	284	2	2wd/2we	70	54	2		38	
		BIS	166	2	2wd/2we	70	54	2		38	
Ohio											
83-11-19	Akron/Canton	CHI &	344	2	2d	80	62	5	3	293	438
		PIT	70	0	2d	80	62	4		136	
89-12-29	Mansfield		Point no longer eligible.								
83-11-19	Youngstown	CHI &	370	2	2d	80	62	2		170	
		PIT	57	0	2d	80	62	3		90	
81-12-70	Zanesville/Cambridge		No service required.								
Oklahoma											
84-4-47	Enid	OKC or	69	1	2wd/2we	10	8	-		-	
		ICT or	90	1	2wd/2we	10	8	-		-	
		TUL	107	1	2wd/2we	10	8	-		-	
84-4-47	Lawton/Ft. Sill	DFW	140	0	2d	80	62	13		370	
89-12-29	McAlester		Point no longer eligible.								
84-4-47	Ponca City	OKC or	96	1	2wd/2we	4	3	-		-	
		ICT or	66	1	2wd/2we	4	3	-		-	
		TUL	77	1	2wd/2we	4	3	-		-	
84-12-103	Stillwater		No service required.								
Oregon											
80-9-15	Albany/Corvallis		No service required.								
82-6-99	Astoria/Seaside		No service required.								
84-4-67	Bend/Redmond	PDX &	116	0	2wd/3we	80	62	14		285	
		EUG	90	0	2wd/3we	80	62	-		-	
		MED or	156	0	2wd/3we	80	62	-		-	
		SFO	464	2	2wd/3we	80	62	3		90	
88-11-3	Klamath Falls	PDX &	240	1	2wd/3we	80	62	5		152	
		SFO or	207	2	2wd/3we	80	62	1		19	
		SJC	331	2	2wd/3we	80	62	3		57	
84-4-67	Medford	PDX &	222	1	2d	80	62	14		380	
		SFO	320	2	2d	80	62	-	3	-	351
84-12-137	North Bend/Coos Bay	PDX	170	1	2wd/2we	64	49	5		95	
85-8-45	Pendleton	PDX	182	1	2wd/2we	62	48	6		114	
89-12-29	Salem		Point no longer eligible.								
Pennsylvania											
83-3-15	Altoona	PIT	83	0	2d	80	62	6		114	
83-3-15	Bradford	PIT	127	0	2d	80	62	5		75	
83-3-15	Clearfield/Bellefonte/ State College [24]	PIT	120	1	2d	80	62	6		199	
83-3-15	DuBois	PIT	79	0	2d	80	62	3		68	
83-3-15	Erie	PIT	113	0	2d	80	62	-	5	-	546
81-8-34	Hazleton	NYC or	105	1	2wd	N/S	N/S	-		-	
		PHL	79	1	2wd	N/S	N/S	-		-	
83-3-15	Johnstown	PIT	55	0	2d	80	62	6		114	
83-3-15	Lancaster	PHL	58	0	2d	80	62	3		90	
83-3-15	Oil City/Franklin	PIT	70	0	2wd/2we	68	52	3		57	

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Pennsylvania (continued)											
83-3-15	Reading	PHL	47	0	2d	80	62	6		232	
83-3-15	Williamsport	PIT &	163	1	2d	80	62	3		108	
		PHL	135	0	2d	80	62	4		110	
South Carolina											
83-5-146	Florence	ATL &	273	2	2d	80	62	4		76	
		CLT	100	0	2d	80	62	7		266	
83-5-146	Greenville/ Spartanburg	ATL &	150	1	2d	80	62	4	14	180	1,630
		CLT	80	0	2d	80	62	5	7	180	884
83-5-146	Myrtle Beach	ATL &	323	2	2d	80	62	7		185	
		CLT	158	1	2d	80	62	-	4	-	529
South Dakota											
84-3-85	Aberdeen	MSP	261	1	2d	80	62	4		176	
84-3-85	Brookings	FSD or	50	0	2wd/2we	10	8	-		-	
		MSP	182	1	2wd/2we	10	8	2		38	
84-3-85	Huron	FSD or	93	1	2wd/2we	21	16	-		-	
		MSP	249	2	2wd/2we	21	16	2		38	
84-3-85	Mitchell	FSD or	66	0	2wd/2we	14	11	-		-	
		MSP	251	2	2wd/2we	14	11	2		38	
88-1-42	Pierre	DEN &	397	2	2d	78	60	2		96	
		FSD	185	1	2d	78	60	-		-	
		MSP	350	2	2d	78	60	3		57	
		RAP	354	0	2d	78	60	2		96	
84-3-85	Watertown	MSP	197	1	2wd/2we	62	48	3		132	
84-5-103	Yankton	OMA or	135	2	2wd/2we	14	11	2		36	
		FSD	56	0	2wd/2we	14	11	-		-	
Tennessee											
89-12-29	Clarksville/ Ft. Campbell, KY		Point no longer eligible								
83-7-23	Jackson	MEM	71	0	2wd/2we	72	55	3		72	
Texas											
84-5-77	Abilene	DFW	182	0	2d	80	62	12		276	
84-5-77	Beaumont/Port Arthur	IAH	78	0	2d	80	62	8		348	
89-12-29	Brownsville		Point no longer eligible								
84-5-77	Brownwood	DFW	136	0	2wd/2we	6	6	2		16	
84-5-77	College Station/Bryan	DFW &	160	1	2d	80	62	10		238	
		IAH	88	0	2d	80	62	5		180	
84-5-77	Harlingen/San Benito	IAH	295	2	2d	80	62	-	11	-	1,338
84-5-77	Laredo	SAT	148	0	2d	80	62	3		57	
84-5-77	Longview/Kilgore/ Gladewater	DFW	115	1	2d	80	62	12		356	
84-5-77	Mission/McAllen/ Edinburg	IAH	300	2	2d	80	62	-	5	-	739
84-5-77	Paris	DFW	105	0	2wd/2we	16	12	2		16	
84-5-77	San Angelo	DFW	250	1	2d	80	62	10		250	
89-12-29	Temple		Point no longer eligible								
84-5-77	Tyler	DFW	78	0	2d	80	62	12		356	
84-5-77	Victoria	IAH	123	0	2wd/2we	80	62	5		150	
84-5-77	Waco	DFW	89	0	2d	80	62	11		205	
84-5-77	Wichita Falls	DFW	113	0	2d	80	62	13		265	
Utah											
89-4-79	Cedar City	SLC	221	1	2wd/2we	32	25	5		95	
87-2-7	Moab	SLC	235	1	2wd/2we	8	8	2		16	
88-7-32	Vernal	SLC	131	0	2wd/2we	22	17	2		38	
Vermont											
89-12-29	Montpelier/Barre		Point no longer eligible								
84-2-89	Rutland	BOS or	127	1	2wd/2we	46	35	3		24	
		NYC	200	1	2wd/2we	46	35	-		-	
Virginia											
84-10-138	Charlottesville	WAS &	86	0	2d	80	62	4		144	
		CLT	244	1	2d	80	62	-	4	-	280
85-12-55	Danville	Any	CLT	0	2wd	N/S	N/S	6		114	
84-10-138	Hot Springs [1]	WAS	158	1 [2]	2d	22	17	-		-	
84-10-138	Lynchburg	WAS &	152	1	2d	80	62	3		57	
		CLT	175	0	2d	80	62	2	3	76	304
84-10-138	Newport News/Hampton/ Williamsburg	WAS	127	0	2d	80	62	7	1	190	104
84-10-138	Roanoke	WAS &	187	1	2d	80	62	6		171	

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Virginia (continued)											
		ATL or	357	2	2d	80	62	5	1	150	117
		CLT	155	0	2d	80	62	-	7	-	851
84-10-138	Staunton	WAS	103	0	2d	70	54	3		57	
Washington											
84-5-48	Ephrata/Moses Lake	SEA	142	1	2wd/2we	10	10	4		76	
84-5-48	Pasco/Kenwick/	SEA &	175	1	2d	80	62	19		535	
	Richland	PDX	174	0	2d	80	62	7		133	
84-5-48	Pullman/Moscow, ID	SEA &	250	2	2d	80	62	12		342	
		GEG or	64	0	2wd/2we	80	62	2		38	
		BOI	224	1	2wd/2we	80	62	5		95	
84-5-48	Walla Walla	SEA	215	1	2d	80	62	7		228	
84-5-48	Wenatchee	SEA	98	0	2wd/2we	72	55	13		247	
84-5-48	Yakima	SEA &	105	0	2d	80	62	16		361	
		PDX	200	0	2d	80	62	-		-	
West Virginia											
87-4-24	Beckley	CLT	177	1	2wd/2we	50	39	5		95	
84-11-62	Clarksburg/Fairmont	PIT &	83	0	2d	80	62	4		76	
		WAS	162	1	2d	80	62	-		-	
87-1-38	Elkins	PIT or	113	1	2wd/2we	8	8	2		30	
		WAS	141	1	2wd/2we	8	8	-		-	
85-8-77	Greenbrier/	WAS &	195	1	2d 2wd/2we [1]	80/54 [1]	62/42 [1]	1		38	
	White Sulpher Sps	CLT	185	1	2d 2wd/2we [1]	80/54 [1]	62/42 [1]	1		38	
84-11-62	Morgantown	PIT &	61	0	2d	80	62	5		106	
		WAS	160	0	2d	80	62	-		-	
84-11-62	Parkersburg	PIT	102	0	2d	80	62	5		150	
87-4-24	Princeton/Bluefield	CLT	114	0	2wd/2we	52	40	5		95	
Wisconsin											
84-7-77	Appleton	CHI &	160	1	2wd/2we	80	62	9		660	
		MSP	232	1	2wd/2we	80	62	1	2	34	208
89-9-37	Beloit/Janesville	Essential Air Service gurantee removed									
85-10-68	Eau Claire	MSP	85	0	2d	80	62	6		174	
84-7-77	Green Bay/Clintonville	CHI &	181	1	2d	80	62	16		763	
		MSP	248	1	2d	80	62	-	3	-	312
84-7-77	LaCrosse	CHI &	225	1	2d	80	62	7	1	294	104
		MSP	117	0	2d	80	62	-	4	-	391
89-12-29	Manitowoc	Point no longer eligible									
84-7-77	Oshkosh	CHI	151	1	2wd/4we	80	62	8		245	
84-7-77	Rhinelander/	CHI	273	2	2wd/4we	80	62	2		100	
	Land O'Lakes										
84-7-77	Wausau/Stevens Point	CHI &	219	1	2wd/4we	80	62	10		534	
		MSP	174	1	2wd/4we	80	62	6		214	
84-7-77	Wisconsin Rapids	CHI	201	1	2wd	14	11	-		-	
Wyoming											
83-10-39	Cheyenne	DEN	96	0	2d	80	62	8		152	
84-4-110	Jackson	DEN &	395	2	2d	80	62	4		229	
		SLC [3]	200	1	2d [3]	80	62	3	4	90	545
88-12-14	Laramie [2]	DEN	120	1	2d	80	62	3		57	
83-10-39	Lovell/Powell/Cody	DEN	395	2	2wd/2we	76	58	3		115	
83-10-39	Riverton/Lander	DEN	293	2	2d	80	62	3		115	
88-11-51	Rock Springs	DEN	262	2	2wd/2we	80	62	4		105	
83-10-39	Sheridan	DEN	362	2	2wd/2we	80	62	2		88	
85-7-53	Worland	DEN	337	2	2wd/2we	22	17	2		38	
Puerto Rico											
84-2-76	Mayaguez	SJU	108	0	2d	80	62	20		428	
85-3-76	Ponce	SJU	47	0	2d	50	39	2		38	

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Notes:

N/S - Not specified.

The number of seats constituting available service have been calculated on a standardized basis for each aircraft type; individual carrier configurations may vary. Actual available service represents schedules "to" the hub.

1/ One round-trip to both MEM and DFW may be provided instead of two round-trips to either.
2/ Up to 25% of capacity may be provided through SMF.
3/ Up to 25% of capacity may be provided through PDX.
4/ Includes SFO, SJC and/or OAK.
5/ Waved the requirement to serve LAX but does not eliminate it as an E.A.S. hub.
6/ The higher frequency and capacity requirements are for the first quarter of the year.
7/ Determination has been appealed. The appeal has been deferred.
8/ Served through Eglin A.F.B.
9/ The lower numbers apply from November 1 through February 28.
10/ The lower numbers apply on weekdays.
11/ Service may be provided any four days per week except during the peak winter season (the third Friday in December through the following March) when at least two round-trips must be provided on Fridays, Saturdays, Sundays and Mondays.
12/ X/Y: X equals the number of seats per week during the summer and winter peak seasons and Y equals the number of seats per week during the off-peak season.
13/ The higher service (frequency for BHB and RKD) is required from July through September.
14/ From Labor Day to Memorial Day only two round-trips on weekdays and over the weekend period are required to NYC.
15/ Off peak: from Labor Day to Memorial Day service to only one hub, either BOS or NYC, is required.
16/ Higher service requirements and seat capacities are required from April through September.
17/ E.A.S. terminated by Order 86-5-28. Proposals for new service solicited by Order 87-6-64.
18/ Two-stops allowed if service is provided with fast aircraft (cruising speed in excess of 250 mph).
19/ Seasonal service from June 1 through September 30 only. The higher capacity requirements are for the months of July and August and the lower capacity requirements are for June and Ssptember.
20/ Alternatively, one round-trip may be provided to both RNO and SLC.
21/ X/Y capacity requirements are for third quarter/remainder of year.
22/ Seasonal service. The higher frequency and capacity requirements are for the period June 1 through September 1.
23/ Up to one-third of POU's capacity may be provided to ALB (nonstop) and/or BOS (one-stop).
24/ Order 81-9-93 redefines essential service at State College and Phillipsburg as service that can be provided at a single airport serving the needs of both areas.
25/ Seasonal service from April 1 through November 30. Flights which serve ROA are an acceptable service pattern when weather conditions prohibit operations at Hot Springs.
26/ During the month of November, the carrier may be exempted from two-round trips daily requirement provided traffic can be accomodated on a single flight.
27/ The lower frequency and capacity requirements are for the winter season.
28/ Service is to be provided with fast aircraft.
29/ If service to SLC is provided with aircraft having 50 or more seats, one daily round-trip will be required in that market from Labor Day until June 15 and one round-trip on weekdays and two round-trips on each weekend day will be required from June 15 through Labor Day.
30/ Order 88-12-14 exempts Aspen Airways and Mesa Airlines from 90-day notice hold-in provisions.

Source: Regional Airline Association and AvStat Associates, Inc.

Regulatory Audit Procedures

The Regional Airline Association's **Regulatory Audit Procedures Document** has set the standard for the aviation industry. Over 100 domestic and international airlines have purchased this essential step-by-step guide for conducting Part 121 and 135 self-audits.

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This is a one of a kind document, which the RAA keeps current through an annual revision service.

Assure that your company has the most up-to-date information on self-audits. **Order the RAA Regulatory Audit Procedures Document.**

Order Form Please return this form, along with a check or money order to:

Regional Airline Association 1101 Connecticut Avenue, N.W., Suite 700, Washington, D.C. 20036

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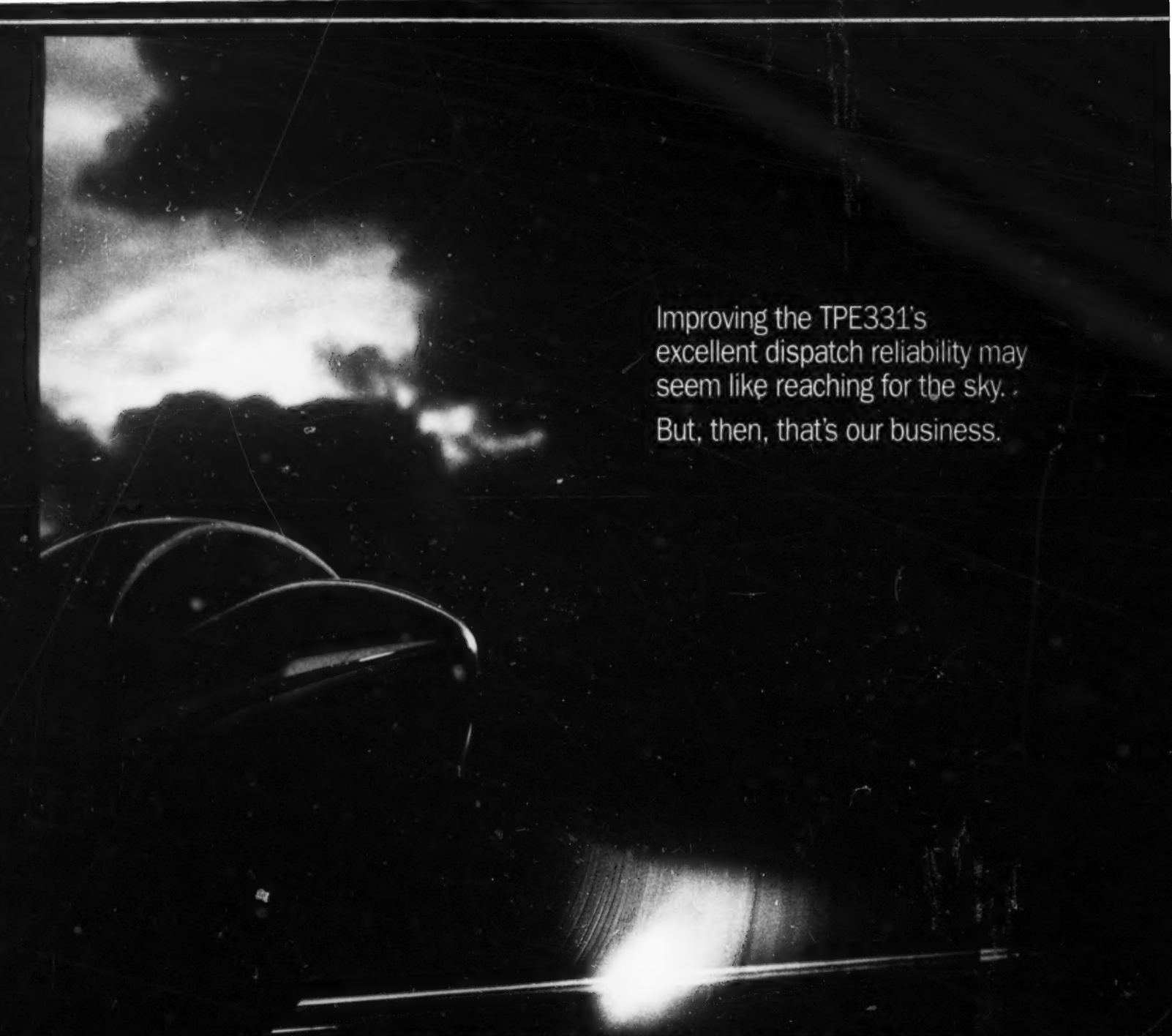

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LORAL

Data Systems

Regulations and Agreements

Regulations and Agreements

Regulations

Excerpts from the DOT Guide to CAB Sunset, January 1, 1985, updated for subsequent changes.

Licensing

Licensing functions are the responsibility of the Office of the Assistant Secretary for Policy and International Affairs. Ordinarily, the Assistant Secretary or his or her delegate will perform these functions for the Department, but the Secretary may exercise this authority in lieu of the Assistant Secretary. Staff actions are subject to review by the Assistant Secretary and ordinarily are effective ten days after the action is served.

For the licensing applications described below, the requirements for filing of documents, including number of copies to be filed, are specified in DOT procedural regulations, 14 CFR 302.3. Filing fees for these applications are specified in 14 CFR 389.

1. *Section 401 Certificates*

Each applicant for a section 401 certificate for scheduled or charter air transportation should file an application with the DOT Documentary Services Division (DSD) in the Office of the General Counsel. Separate applications for interstate/overseas and foreign authorities must be filed, with the required filing fees. There are basically three types of 401 certificate cases: (a) those requiring primarily a determination of fitness; (b) those requiring primarily a determination of public convenience and necessity (which includes international carrier selection cases); and (c) continuing fitness reviews under section 401(r).

(a) *Fitness Determinations*: To receive a section 401 certificate, a carrier must be found fit for the type of service it will provide. Applicants that have not been found fit previously or that are proposing substantial changes in operations (such as going from cargo to passenger service or charter to scheduled operations, or proposing the start up of service after a cessation of service) are required to establish their fitness to operate. Authority not used for one year is automatically revoked. After receiving a fitness application, the DSD will assign it a docket number, date it, and forward it to the Air Carrier Fitness Division of the Office of Aviation Analysis (room 6402, telephone 202/366-9721) for review and action. Within 21 days, this Division will determine whether the application is complete. If it is not complete, the applica-

FAA Safety Requirements For Scheduled Regional Airlines

		Overall Operating Requirements			
Aircraft Type		FAA Air Carrier Operating Certificate required	FAA approved operations & maintenance programs	Approved crew training & proficiency programs	Subject to FAA airline audit & surveillance procedures
Piston	Single Engine	●	●(1)	●(2)	●
	Multi Engine under 9	●	●(1)	●	●
	10–19	●	●	●	●
	20–30	●	●	●	●
	over 30	●	●	●	●
Turboprop	Multi Engine under 9	●	●	●	●
	10–19	●	●	●	●
	20–30	●	●	●	●
	over 30	●	●	●	●
Jet	Multi Engine	●	●	●	●

Notes: (1) Required only for approved Aircraft Inspection Program.
(2) Not applicable to certificate holder using only one (1) pilot.
(3) Two pilots are not required for VFR or if autopilot is approved in lieu of second in command.

tion will be rejected or the applicant will be notified and asked to provide further information to the DSD. After the application is complete, DOT will do one of the following:

(i) Issue a show cause order, through the DSD, tentatively finding the carrier fit and proposing to issue the requested certificate. The order will allow for objections to be filed. A final decision on the fitness application will be made within 180 days after the application is complete.

(ii) Institute formal proceedings before an administrative law judge in order to determine fitness. This course will be followed in cases where there is controversy concerning the applicant and where the case involves novel issues or where the facts are in dispute. In this event, a decision will be made according to the process applicable to formal proceedings (described in the section entitled "Formal Proceedings Requiring Oral Evidentiary Hearings").

(b) *Public Convenience and Necessity (PC&N) Determinations:* For carriers desiring to provide foreign air service, a determination of public convenience and necessity is required, in addition to the fitness finding described above. Applicants previously found fit and which hold certificates for operations comparable to those sought may file, with the DSD, applications for additional authority, amendments, alterations, modifications, and renewals of their 401 certificates. DSD will give each application a docket number, date it, and forward it to the Public Proceedings Division of the Office of Aviation Analysis (room 6415, telephone 202/366-2344) for review and action. Within 21 days, this Division will determine if the application is complete. If the application is not complete, the applicant will be notified and asked to provide the required information to the DSD. Within 90 days after the application is complete, a decision will be made to process the application in one of the following ways: (i) dismiss the application; (ii) handle it under simplified procedures without an oral evidentiary hearing; or (iii) institute a formal hearing case where, for example, a choice must be made between competing applications for limited-designation international route authority (refer to the section of "Formal Proceedings Requiring Oral Evidentiary Hearings" for further information).

(c) Continuing Fitness Reviews under

Requirements keyed to size									
Meets part 135 operating rules	Meets Part 121 operating rules	Commercial/Instrumented rated crew	Air Transport rated crew	2 pilots required	Airline-type "Continuous Airworthiness Maintenance Program"	All-weather equipped aircraft	Flight attendant required	Thunderstorm detection equipment or radar	Typical Aircraft
●		●				●			Cessna 206, Piper Cherokee 6
●		●	●	●[3]		●			B-N Islander, Cessna 402/404, Piper Navajo
●		●	●	●	●	●		●	deHavilland Heron, Beech 18
●		●	●	●	●	●	●	●	DC-3
	●	●	●	●	●	●	●	●	Martin 404, Convair 440
●		●	●			●			Beech KingAir
●		●	●	●	●	●		●	DHC-6, Beech 99, Fairchild Metro II
●		●	●	●	●	●	●	●	Nord 262, Shorts SD3 30, Embraer Brasilia
	●	●	●	●	●	●	●	●	Convair 580, Fokker F-27, DHC-7, Shorts 360
	●	●	●	●	●	●	●	●	Fokker F-28, BAe 146

Section 401(r): U.S. certificated and commuter air carriers which do not institute service within one year of being found fit, or which cease operations for at least one year, will have their authority revoked and must undergo a new fitness determination before commencing operations. Carriers which cease service and wish to resume service before the expiration of one year must file new fitness data at least 45 days before recommencing service. Such carriers should contact the Chief, Special Authorities Division, Office of Aviation Analysis, to determine the data needed.

2. *U.S. Air Carrier All-Cargo Certificates under Section 418*

An applicant for a domestic all-cargo certificate under section 418 of the Federal Aviation Act should file an application with the Documentary Services Division (DSD) in the Office of General Counsel. The application will be given a docket number, dated, and forwarded to the Special Authorities Division of the Office of Aviation Analysis (room 6401 telephone 202/366-9721) for review and action. Within 14 working days, this Division will determine if the application is complete. If not complete, the applicant will be notified and asked to provide further information to the DSD. Once complete, a notice of the application will be published in the Federal Register and 21 days will be allowed for objections to a favorable fitness finding and issuance of the certificate.

3. *Commuter Air Carrier Fitness Determinations under Section 419*

Under section 419 of the Federal Aviation Act, commuter air carriers must be found fit to provide scheduled passenger service. Those wishing to establish a commuter air carrier service should file an application with the Special Authorities Division of the Office of Aviation Analysis (room 6401, telephone 202/366-9721). This office reviews the application to determine whether it is complete, and, where necessary, contact the applicant for additional information. When all required information is received, DOT will issue a show cause order, through the DSD, stating tentative findings and allowing 15 days for objections to be filed.

Prior to commencing operations, commuter air carriers must also have on file a registration form and an insurance certificate. See the later section on "Registrations and Insurance Monitoring" for more information on this requirement.

Commuter air carriers are also subject to the continuing fitness requirement of section 401(r) of the Federal Aviation Act. See the preceding section on "Continuing Fitness Reviews under Section 401(r)" for further information which applies to commuters.

4. *Registrations and Insurance Monitoring*

Prior to commencing operations, commuter air carriers must have on file a registration form (DOT Form OST 4507, formerly CAB Form 298A) and an insurance certificate (for commuters, DOT Form OST F4520, formerly CAB Form 205A) covering their proposed operations. These forms, as well as subsequent amendments and insurance filings, are to be filed directly with the Air Carrier Fitness Division of the Office of Aviation Analysis (room 6401, telephone 202/366-9721). If the registration form is properly filled out and the insurance certificate provides coverage for the service proposed, the Air Carrier Fitness Division will return an approved copy of the registration to the applicant. In the case of new commuter applications, the registration to provide scheduled passenger service will be approved when the carrier's fitness has been determined. (See the earlier section on "Commuter Air Carrier Fitness Determinations".)

Data Collection

Data collection and dissemination are the responsibility of the Research and Special Programs Administration, acting in cooperation with the office of the Assistant Secretary for Policy and International Affairs.

1. *Air Carrier Accounting and Guidance*

Carriers receiving section 401 certificates and operating aircraft designed to have a maximum passenger capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds or operating to a point outside the 50 states of the United States, the District of Columbia, Puerto Rico, or the U.S. Virgin Islands are required to comply with the "Uniform System of Accounts and Reports for Large Certificated Air Carriers." The Research and Special Programs Administration's Office of Aviation Information Management (ASIM) is responsible for accounting and related systems design and modification, as well as interpretation of the regulations. Inquiries regarding waivers from accounting regulations, proposed rulemakings or suggestions on new or revised rules should be directed to the Director of OAIM (room 4125, telephone 202/366-9059).

OAIM provides technical accounting expertise and guidance to air carriers and other Government agencies, including the Securities and Exchange Commission. The Data Requirements and Public Reports Division of OAIM also assists small air carriers participating in the Essential Air Service program, such as air taxi operators, who may elect to implement the "Voluntary Accounting System for Small Air Carriers" and new or growing certified carriers who may need assistance to familiarize themselves with the required accounting systems and related rules in the "Uniform System of Accounts and Reports for Large Certificated Air Carriers."

OAIM continuously evaluates the airline industry accounting systems and related rules and coordinates with the Office of Inspector General (OIG) on the need for audit assistance. Questions on accounting or reporting issues concerning the DOT aviation information data banks may be addressed to the Data Requirements and Public Reports Division of OAIM.

2. *Financial and Statistical Reporting*

Air carrier reporting requirements established by the CAB continue in effect

until changed by DOT. Authority to maintain these rules and manage the aviation information program is delegated to the Administrator of the Research and Special Programs Administration (RSPA). Program operation is accomplished by RSPA's Office of Aviation Information Management (OAIM).

On December 1, 1988, the Department of Transportation amended FAR Part 298 to require commuter air carriers providing scheduled passenger service to file Schedule F-1 "Report of Financial Data" of RSPA Form 298-C, listing quarterly financial information. Carriers are required to submit total operating revenues, total operating expenses, net profit or (loss) and passenger revenues- scheduled services within 40 days after the end of the reporting quarter.

Petitions for rulemaking on reporting matters should be filed with the DOT Documentary Services Division (DSD) in the Office of General Counsel. The petition will be given a docket number, dated, and referred to OAIM for processing. Rules proposed and issued by OAIM will be docketed in the DSD.

Recurrent financial and statistical reports required by these rules should be addressed to:

Data Administration Division
DAI-20, Room 4125
Office of Aviation Management
Research and Special Programs Administration
Department of Transportation
400 Seventh Street, S.W.
Washington, D.C. 20590
Telephone 202/366-4383

New reporting instructions, changes to existing instruction, interpretations of reporting instructions, or special reporting requirements for air carriers will be promulgated by OAIM. These instructions as well as written requests for waivers, interpretations, extensions of filing dates, substitution of forms or formats, or confidential treatment of reports will be handled by the Director of OAIM.

Air carrier submissions will be reviewed for acceptability by the Data Administration Division of OAIM. This Division may contact air carriers concerning the form and/or substance of their reports.

Industry Agreements

Regional airlines have become full partners in the air transportation system. The use of common ticket stock; shared airport facilities; commingled reservation schedules; joint fares; and interline agreements for the handling of baggage, cargo, and other express freight allows regional airlines to provide an important part of a common system of air transportation. The agreements and services in which airlines participate are described here.

Three Digit Identification code

Every airline which operates scheduled passenger and/or cargo services and interlines passengers and/or cargo with other airlines requires a three digit code. The code is printed as the first three digits of the airline's passenger traffic documents and cargo air waybill which then identifies that airline for interline accounting purposes.

Airlines with headquarters in the United States or it territories and possessions should request a form code from J. Zammar, Director, Revenue Accounting, Air Transport Association of America, 1709 New York Avenue, N.W., Washington, D.C. 20006. Phone 202/646-4000.

Airlines with headquarters outside the United States or its territories and possessions should request a form code from Dora Prokosh, Code Assignments Assistant, International Air Transport Association, 2000 Peel Street, Montreal, Quebec H3A 2R4, Telephone 514/844-6311 ext. 503.

For form codes assigned by the International Air Transport Association, there is an application fee of $150.

Airline Designators

Each airline which operates scheduled passenger and/or cargo services and publishes its schedules in industry schedule guides and each airline which participates in the airline communications networks (ARINC or SITA) needs an airline designator.

Airline designators are assigned and administered by the International Air Transport Association on behalf of the airline industry. There is a $500 application fee for each airline designator assigned.

To obtain an airline designator, U.S. based airlines should send their schedules to Laurie Bruzek, Industry Schedules Analysis, Official Airline Guides, Inc., 2000 Clearwater Drive, Oak Brook, Illinois 60521, Telephone 312/574-6000, and also should submit a copy of the airline's Department of Transportation fitness form approved by DOT and a check for $500 made payable to the International Air Transport Association.

Publishing Schedules

The flight schedules of passenger carrying airlines are published in the Official Airline Guide (OAG), the ABC World Airways Guide, and the American Express Sky Guide, and schedules of cargo carrying airlines are published in the OAG Air Cargo Guide, the ABC Air Cargo Guide, and Hereford's Cargo Guide.

There is no charge for publication of direct flight schedules and fares of commuter air carriers. However, there are editorial and possible costs for printing commuter/certificated connecting flights.

Passenger Interline Traffic Agreement

Members of the Air Transport Association's Passenger Council have established the Interline Traffic Agreement - Passenger. All scheduled airlines may become parties to the Agreement. The Agreement becomes binding between parties upon execution of a concurrence.

The Agreement gives each airline party the right to sell transportation at the appropriate fares over the lines of other parties with which it has concurrence, and to issue interline tickets providing for such transportation.

Parties are required to honor for transportation interline tickets calling for such transportation and issued by another party

with which it has concurred. Where interline tickets have been issued under the Agreement, the originating airline agrees to check the passenger's baggage to final destination or first stopover point, and the down-line airlines agree to accept and transport such baggage.

There is a one-time application fee of $175 and an annual participation fee of $75. Contact Ms. Pat Freedman, Assistant Director, Passenger Services, ATA Passenger Council, 1709 New York Avenue, N.W., Washington, D.C. 20006, Telephone 202/626-4000.

Interline Air Cargo Agreements

Interlining of air freight within the industry is an effective means of expanding your air freight coverage to your customers. The Air Transportation Association of America has two specific air cargo agreements that are available to members of the Regional Airline Association. These agreements are:

- AIR FREIGHT PROCEDURES AGREEMENT and
- SMALL PACKAGE SHIPMENT AGREEMENT

Each multi-lateral agreements that prescribe uniform documents, labeling, and handling procedures for regular air freight and small packages services. To participate in these agreements, there is a one-time application fee of $175 and an annual fee of $75.

Airlines interested in these interline cargo agreements should write to Mr. Richard S. Shreve, Assistant Director, Cargo Services, Air Transport Association of America, 1709 New York Avenue, N.W., Washington, D.C. 20006, Telephone 202/626-4133.

IATA Interline Agreements-Passenger and Cargo

Airlines may participate in the International Air Transport Association's multilateral interline traffic agreements as nonmember carriers. Airlines are required to pay an annual participation fee based on their total revenue sales from the previous year or on an estimated revenue figure for the first year in the case of a new company. Contact Kendall C. Sanford, Senior Manager, Passenger Services, IATA, 2000 Peel Street, Montreal, PQ, Canada H3A 224, Telephone 514/844-6311, ext. 503.

Universal Air Travel Plan

Began in 1936, Universal Air Travel Plan travel card is one of the world's oldest credit cards.

During the early times, UATP covered U.S. domestic airline only. On October 1, 1948, it became worldwide, when international routes were brought into plan.

The UATP's Air Travel Card today is good for transportation on practically all the world's scheduled airlines flying domestic and global routes. Participating airlines now number more than 200.

Those desiring to subscribe to this airline credit service can contract through an individual airline by meeting the individual carrier's requirements. Thirty-two airlines, called "contracting airlines," are authorized to issue Air Travel Cards. The cards, however, are honored by the participating carriers. The contracting airline bills the subscriber on a monthly basis for all air transportation used, regardless of the number of airlines involved. Contact Charles Fisher, ATA, 1709 New York Avenue, Washington, D.C. 20006, Telephone 202/626-4224.

Standard Agent's Ticket and Area Settlement Plan

As the travel agency industry grew and as travel agents began to generate a larger proportion of airline tickets, a need arose for an efficient system of reporting and accounting for ticket sales. What emerged was the Standard Agent's Ticket and Area Settlement Plan. The plan's most important innovations were a standard ticket stock and a single source to which travel agents reported and accounted for airline ticket sales. Travel agents were issued supplies of standard ticket stock with no carrier identification. In issuing a ticket, the agent fills in the name of the airline on which the seat is being sold. Every week the travel agent forwards reports of tickets sold to a designated bank in their area.

The agent receives a computerized sales report from the area bank for each reporting period. The sales report provides important data on each ticket issued as well as statistical summaries for the entire reporting period.

Travel Agents Commission

The commission paid to travel agents was deregulated in June 1980. Airlines are free to set the commission they pay to travel agents. The Air Traffic Conference has set up a procedure for settling interline service charges at a periodically determined commission rate in the Interline Settlement of Agent Issued Documents Agreement. Airlines may contract with any organization to sell on-line tickets.

Airline Clearing House

The Airline Clearing House is a corporation, wholly owned by 18 ATA member airlines, through which the interline accounts of airlines, certificated and commuter, are settled on a net basis each month. Regional airlines, by participating as associate members, are able to realize all the billing and clearance benefits without the necessity of purchasing stock in the corporation.

Each member air carrier submits a recap sheet each month to the Airline Clearing House bank showing accounts due from every other member, covering both passenger and freight.

The bank nets these accounts and notifies each airline of their net debit or credit position in the Clearing House. Flight coupons and air bills are sent to the appropriate airline for a follow-up audit with an opportunity for subsequent Clearing House adjustments.

Each participating carrier is requested to maintain an account at the Airline Clearing House bank. The Airline Clearing House performs the clearing functions without charge. The cost of such items as printing, postage, bulletin correspondence and maintenance of the Manual of Proce-

dures is nominal. Reimbursement for such costs are billed to all members and associated members on an annual basis. When making application as an associate member, commuters are required to have interline agreements with at least one member or associate member of the Clearing House. Contact: J. Zammar, Airline Clearing House, 1709 New York Avenue, Washington, D.C. 20006, Telephone 202/626-4142.

Airline Publishing Company

The Airline Tariff Publishing Company (ATPCO), wholly owned by thirty-five certificated air carriers, is employed by the airlines to publish and distribute fares and cargo rates to the travel industry. Some of the ATPCO publications include a joint fares tariff, commuter local fares tariff, commuter airline cargo local rules and rates, small package rates, and the Air Cargo Memorandum Tariff. ATPCO distributes these tariffs to travel agents, airline rate desks, and other companies in the travel business. Contact: Dan Mingledorff, Airline Tariff Publishing Company, Dulles Airport, P.O. Box 17415, Washington, D.C. 20041, Telephone 703/471-7510.

Airlines Reporting Corporation

The purpose of the Airlines Reporting Corporation (ARC) is to provide reporting and settlement services, and related services in connection with the sale of transportation in the United States on behalf of participating carriers at the most economic cost. Contact Allan Muten, Airlines Reporting Corporation, 1709 New York Avenue, N.W., Washington, D.C. 20006-5288, Telephone 202/626-8035

Aeronautical Radio, Inc.

Aeronautical Radio, Inc., more familiarly known as ARINC, is dedicated to serving the communications needs of the air transport community. The company's services, once used almost exclusively by major U.S. airlines, are employed by a variety of corporation, government agencies and domestic and foreign carriers, ranging in size from major trunks to commuter air carriers. ARINC's services continue to be provided on a not-for-profit basis as was the case when the company was incorporated in 1929.

ARINC is dedicated to providing communications needs of all aircraft operators within the United States. Advanced technology, high quality service, cost-based charges and longstanding relationships with the regulatory bodies and the aviation community are some of the benefits provided by ARINC. Contact: Director Marketing Services, ARINC, 2551 Riva Road, Annapolis, Maryland 21401, Telephone 301/266-4022.

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RAA works with the National Consortium For A Drug-Free Workplace and Princeton Diagnostic Laboratories of America, Inc. (PDLA), two of the nation's leading drug testing authorities to provide all of the required services at a very competitive cost.

RAA will provide you with:

- An Anti-Drug Plan tailored to your company's needs ensuring compliance and trouble-free implementation. The RAA plans have received FAA approval, and meet guidelines established by Department of Transportation agencies, the Department of Defense and the Nuclear Regulatory Commission.
- Supervisory Training Program
- Employee Education Program
- Computerized Random Selection and Statistical Reports
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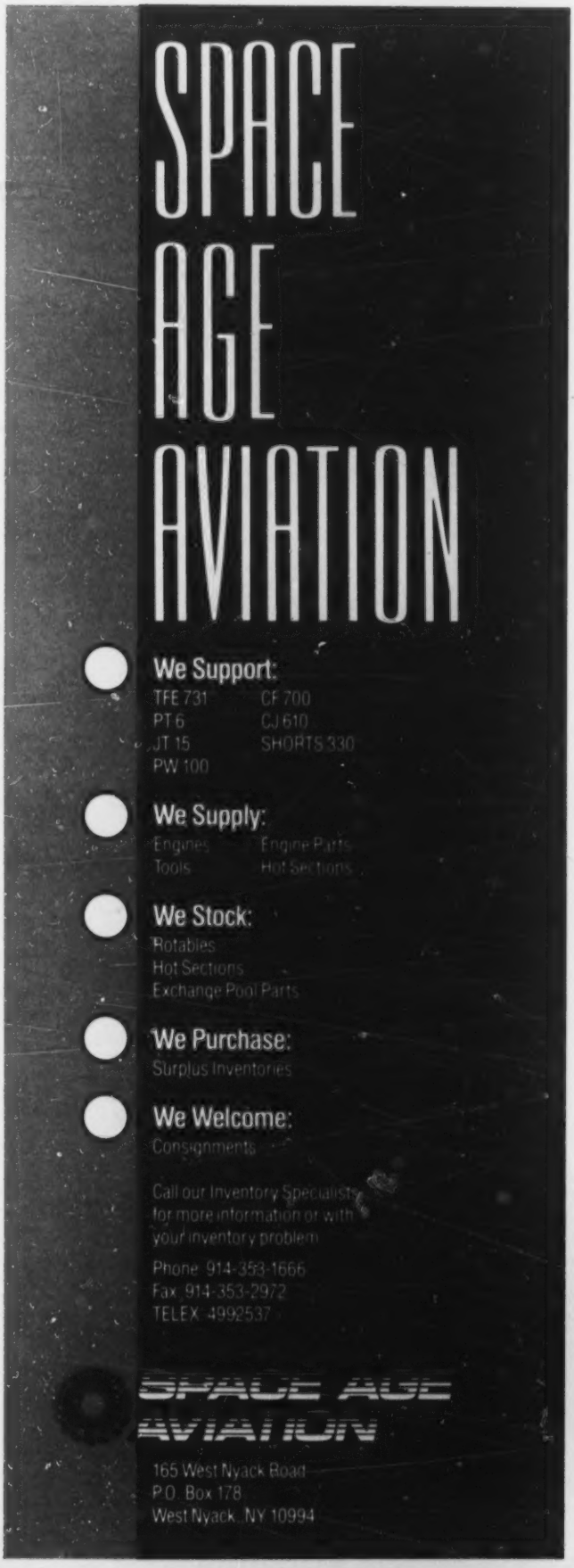

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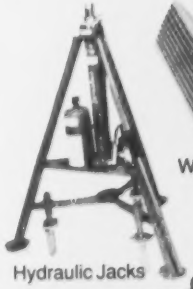

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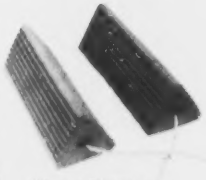

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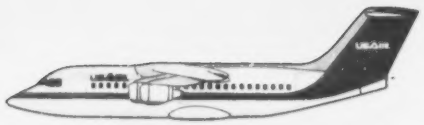

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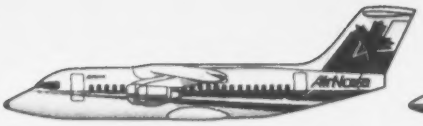

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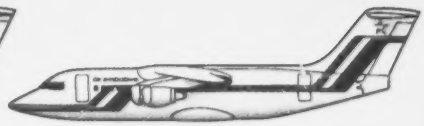

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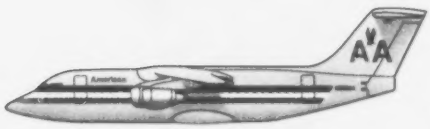

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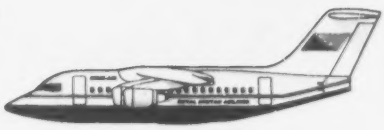

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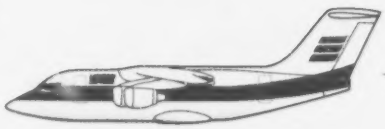

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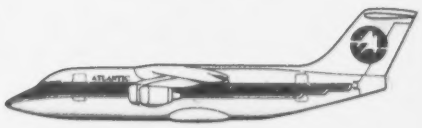

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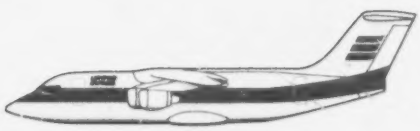

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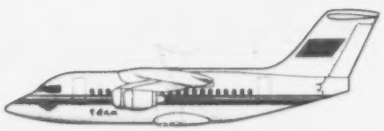

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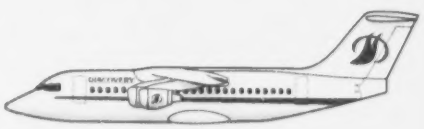

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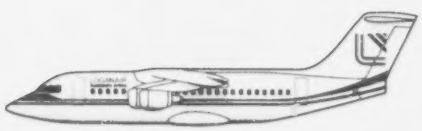

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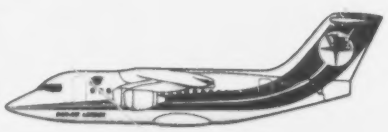

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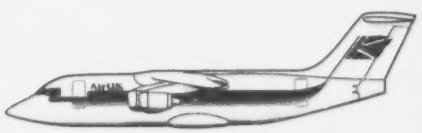

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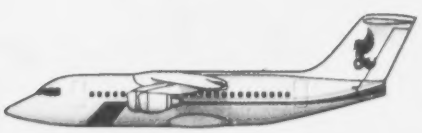

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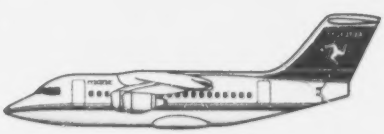

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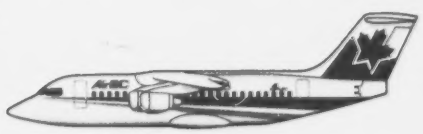

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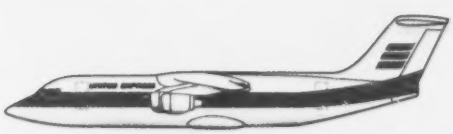

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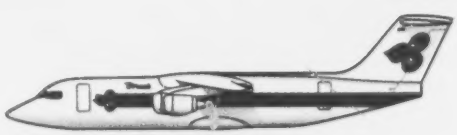

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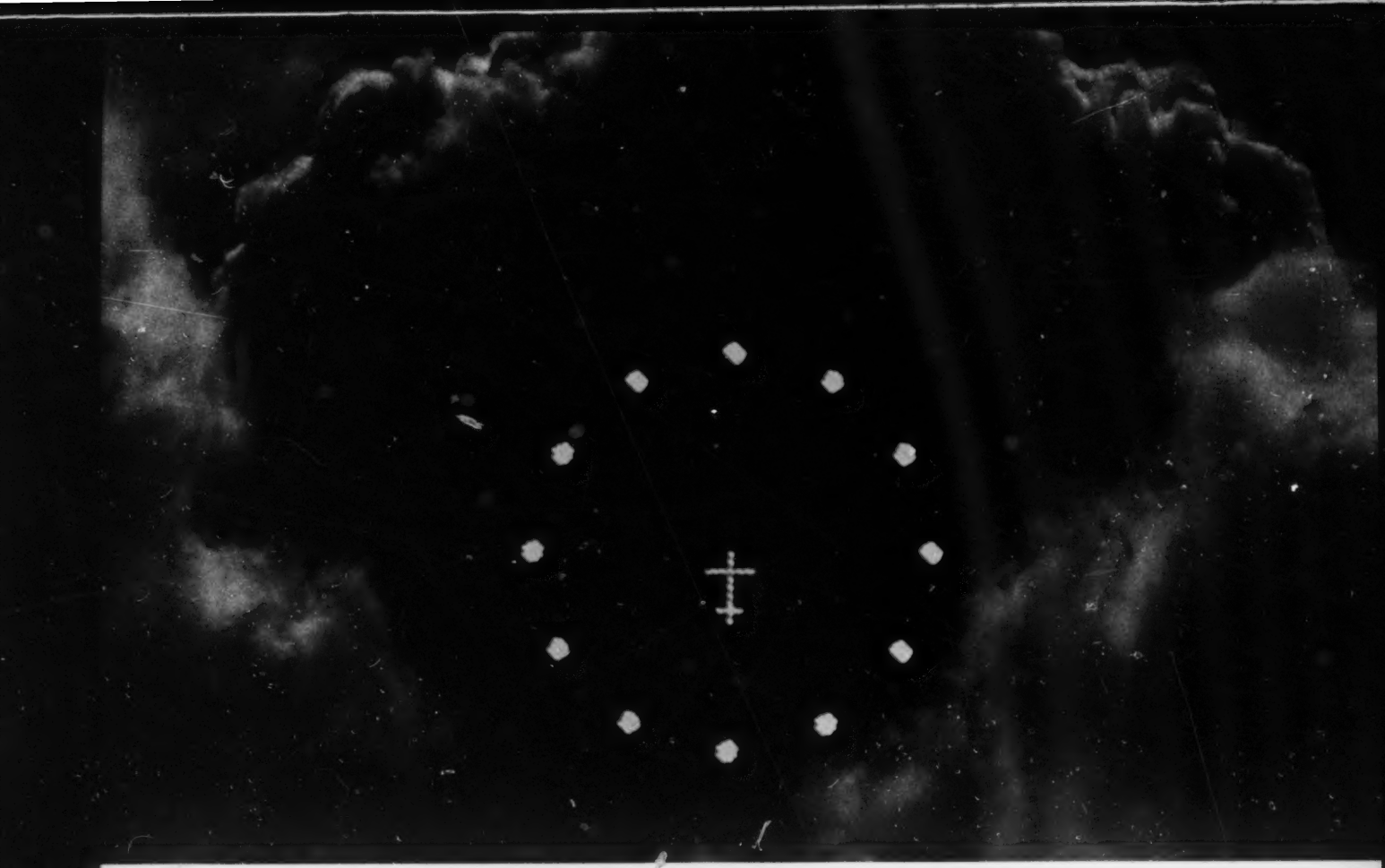

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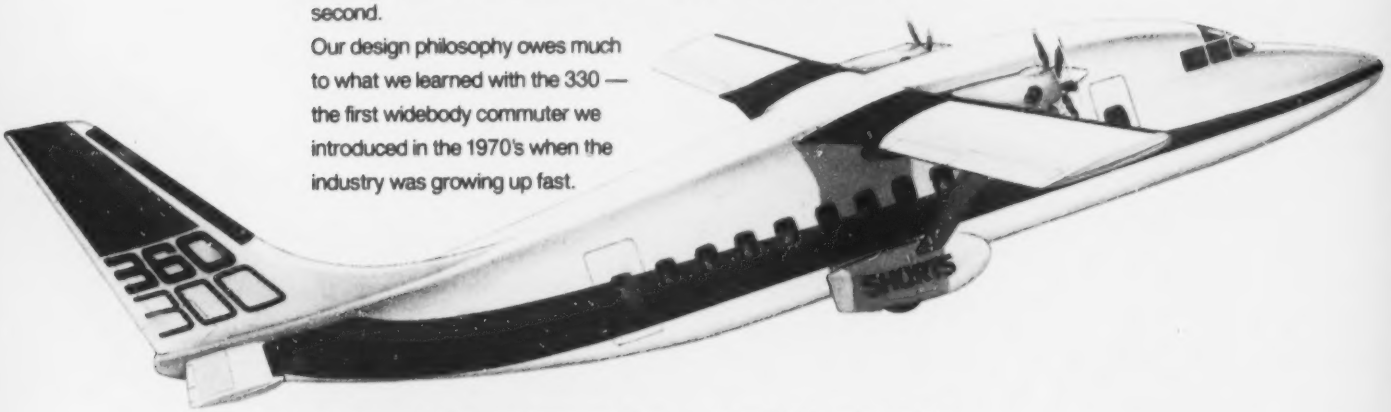

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